A 3177-1

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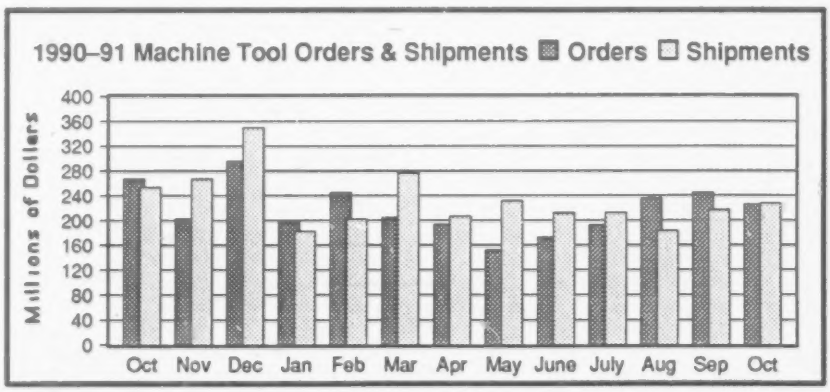
FOR RELEASE: November 25, 1991

Machine tool orders down, after four–month rise. Exports up.

October machine tool orders totaled $225.35 million, a 7.9% drop compared to September's $244.80 million, according to figures released today by NMTBA – The Association For Manufacturing Technology. Year–to–date orders totaled $2,069.20 million, 16.1% below 1990's $2,466.15 million. Comparing October 1991 to October 1990, orders were down 15.9%.

Machine tool shipments in October totaled $227.25 million, up from September's $216.70 million. Year–to–date 1991 shipments stood at $2,152.70 million, 19.7% below 1990's $2,681.95 million. Comparing October 1991 to October 1990, shipments were down 10.4%.



NMTBA President Albert W. Moore noted, "Set in the context of the overall economy, the machine tool industry is holding its own. The October drop in orders comes after four straight months of increases, and October domestic orders are the third highest for the year. Export orders are up 26% compared to 1990, with metal forming export orders at record levels." Moore continued, "The competitive global marketplace demands constant improvement in production facilities. We hope the recovery will regain its momentum in the months ahead so American industry can get on with this task."

(more)

Metal Cutting

At $156.55 million, October metal cutting machine tool orders were down 10.1% for the month. Year–to–date metal cutting orders were down 17.4% compared to 1990. Comparing October 1991 to the same month a year earlier, orders were down 14.2%.

Metal cutting shipments in October totaled $168.80 million, up 1.2% compared to September. Year–to–date shipment levels are down 20.1% compared to the same period in 1990. Comparing October 1991 to October a year ago, metal cutting shipments were down 10.6%.

Metal Forming

Metal forming machine tool orders for October totaled $68.8 million, down slightly from September's $70.75 million. Year–to–date 1991 metal forming orders are off 12.8%. October 1991 metal forming orders were down 19.7% compared to October 1990.

October metal forming shipments rose to $58.45 million, up 17.1% for the month. Year–to–date metal forming shipments were down 18.8%. Comparing October 1991 to October 1990, shipments were down 10.0%.

Backlog

The machine tool order backlog for October 1991 was $1,384.90 million, down slightly from September's $1,386.80 million. The October 1990 backlog was $1,587.80 million.

# # #

COMPARISON CHART

NMTBA INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

October 1991

	Oct 91	Sep 91	% Change	Oct 91	Oct 90	%Change	YTD 91	YTD 90	% Change
METAL CUTTING									
Net New Orders									
Domestic	134.60	150.25	–10.4	134.60	166.05	–18.9	1,167.70	1,507.75	–22.6
Export	21.95	23.80	–7.8	21.95	16.35	34.3	281.75	247.80	13.7
Total	156.55	174.05	–10.1	156.55	182.40	–14.2	1,449.45	1,755.55	–17.4
Shipments									
Domestic	146.85	140.90	4.2	146.85	164.90	–10.9	1,286.50	1,633.90	–21.3
Export	21.95	25.90	–15.3	21.95	23.90	–8.2	215.45	247.05	–12.8
Total	168.80	166.80	1.2	168.80	188.80	–10.6	1,501.95	1,880.95	–20.1
METAL FORMING									
Net New Orders									
Domestic	51.35	56.30	–8.8	51.35	68.10	–24.6	461.55	610.15	–24.4
Export	17.45	14.45	20.8	17.45	17.60	–0.9	158.20	100.45	57.5
Total	68.80	70.75	–2.8	68.80	85.70	–19.7	619.75	710.60	–12.8
Shipments									
Domestic	48.35	36.05	34.1	48.35	57.20	–15.5	494.80	710.50	–30.4
Export	10.10	13.85	–27.1	10.10	7.75	30.3	155.95	90.50	72.3
Total	58.45	49.90	17.1	58.45	64.95	–10.0	650.75	801.00	–18.8
TOTAL CUTTING & FORMING									
Net New Orders									
Domestic	185.95	206.55	–10.0	185.95	234.15	–20.6	1,629.25	2,117.90	–23.1
Export	39.40	38.25	3.0	39.40	33.95	16.1	439.95	348.25	26.3
Total	225.35	244.80	–7.9	225.35	268.10	–15.9	2,069.20	2,466.15	–16.1
Shipments									
Domestic	195.20	176.95	10.3	195.20	222.10	–12.1	1,781.30	2,344.40	–24.0
Export	32.05	39.75	–19.4	32.05	31.65	1.3	371.40	337.55	10.2
Total	227.25	216.70	4.9	227.25	253.75	–10.4	2,152.70	2,681.95	–19.7

Source: NMTBA – The Association For Manufacturing Technology

NMTBA INDUSTRY ESTIMATES

October 1991

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS			Order Backlog	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Export	Total		Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1990	2,532.50	432.20	2,964.70	1,468.40	2,855.55	444.35	3,299.90	2,641.25	459.85	3,101.10	108.75	27.65	136.40
1991													
JAN	167.00	32.85	199.85	1,485.70	154.25	28.30	182.55	176.75	40.00	216.75	9.75	7.15	16.90
FEB	165.10	80.05	245.15	1,528.70	168.25	33.90	202.15	175.15	81.10	256.25	10.05	1.05	11.10
MAR	158.65	46.80	205.45	1,457.30	234.80	42.05	276.85	169.60	48.10	217.70	10.95	1.30	12.25
APR	147.25	46.45	193.70	1,443.95	173.60	33.45	207.05	153.55	48.10	201.65	6.30	1.65	7.95
MAY	131.50	21.50	153.00	1,365.10	201.85	30.00	231.85	140.60	21.60	162.20	9.10	0.10	9.20
JUN	112.75	60.15	172.90	1,325.85	151.45	60.70	212.15	118.45	60.65	179.10	5.70	0.50	6.20
JUL	150.15	43.10	193.25	1,306.30	172.35	40.45	212.80	159.25	44.95	204.20	9.10	1.85	10.95
AUG	204.35	31.40	235.75	1,358.70	152.60	30.75	183.35	207.45	31.55	239.00	3.10	0.15	3.25
SEP (R)	206.55	38.25	244.80	1,386.80	176.95	39.75	216.70	210.40	39.80	250.20	3.85	1.55	5.40
OCT (P)	185.95	39.40	225.35	1,384.90	195.20	32.05	227.25	200.15	45.30	245.45	14.20	5.90	20.10
TOTALS	1,629.25	439.95	2,069.20		1,781.30	371.40	2,152.70	1,711.35	461.15	2,172.50	82.10	21.20	103.30

Source: NMTBA – The Association For Manufacturing Technology

P – preliminary R – revised

NMTBA INDUSTRY ESTIMATES

October 1991

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1990	1,771.95	298.35	2,070.30	1,164.00	2,004.45	325.15	2,329.60	1,867.25	318.45	2,185.70	95.30	20.10	115.40
1991													
JAN	107.20	22.85	130.05	1,183.25	93.25	17.55	110.80	115.90	29.95	145.85	8.70	7.10	15.80
FEB	113.80	72.45	186.25	1,236.35	109.45	23.70	133.15	123.40	73.45	196.85	9.60	1.00	10.60
MAR	127.20	26.35	153.55	1,216.05	148.75	25.10	173.85	137.05	27.55	164.60	9.85	1.20	11.05
APR	109.95	26.50	136.45	1,207.15	126.55	18.80	145.35	114.10	28.10	142.20	4.15	1.60	5.75
MAY	96.45	13.15	109.60	1,142.90	157.25	16.60	173.85	104.35	13.20	117.55	7.90	0.05	7.95
JUN	87.70	43.25	130.95	1,131.25	104.30	38.30	142.60	92.95	43.70	136.65	5.25	0.45	5.70
JUL	123.25	22.35	145.60	1,127.45	137.35	12.05	149.40	131.25	22.40	153.65	8.00	0.05	8.05
AUG	117.30	9.10	126.40	1,116.50	121.85	15.50	137.35	120.15	9.15	129.30	2.85	0.05	2.90
SEP (R)	150.25	23.80	174.05	1,123.75	140.90	25.90	166.80	154.00	23.85	177.85	3.75	0.05	3.80
OCT (P)	134.60	21.95	156.55	1,111.50	146.85	21.95	168.80	148.25	27.80	176.05	13.65	5.85	19.50
TOTALS	1,167.70	281.75	1,449.45		1,286.50	215.45	1,501.95	1,241.40	299.15	1,540.55	73.70	17.40	91.10

Source: NMTBA – The Association For Manufacturing Technology

P – preliminary R – revised

NMTBA INDUSTRY ESTIMATES

October 1991

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1990	760.55	133.85	894.40	304.40	851.10	119.20	970.30	774.00	141.40	915.40	13.45	7.55	21.00
1991													
JAN	59.80	10.00	69.80	302.45	61.00	10.75	71.75	60.85	10.05	70.90	1.05	0.05	1.10
FEB	51.30	7.60	58.90	292.35	58.80	10.20	69.00	51.75	7.65	59.40	0.45	0.05	0.50
MAR	31.45	20.45	51.90	241.25	86.05	16.95	103.00	32.55	20.55	53.10	1.10	0.10	1.20
APR	37.30	19.95	57.25	236.80	47.05	14.65	61.70	39.45	20.00	59.45	2.15	0.05	2.20
MAY	35.05	8.35	43.40	222.20	44.60	13.40	58.00	36.25	8.40	44.65	1.20	0.05	1.25
JUN	25.05	16.90	41.95	194.60	47.15	22.40	69.55	25.50	16.95	42.45	0.45	0.05	0.50
JUL	26.90	20.75	47.65	178.85	35.00	28.40	63.40	28.00	22.55	50.55	1.10	1.80	2.90
AUG	87.05	22.30	109.35	242.20	30.75	15.25	46.00	87.30	22.40	109.70	0.25	0.10	0.35
SEP (R)	56.30	14.45	70.75	263.05	36.05	13.85	49.90	56.40	15.95	72.35	0.10	1.50	1.60
OCT (P)	51.35	17.45	68.80	273.40	48.35	10.10	58.45	51.90	17.50	69.40	0.55	0.05	0.60
TOTALS	461.55	158.20	619.75		494.80	155.95	650.75	469.95	162.00	631.95	8.40	3.80	12.20

Source: NMTBA – The Association For Manufacturing Technology

P – preliminary R – revised

A3179-1

NEWS

NMTBA
The Association For Manufacturing Technology

Contact:
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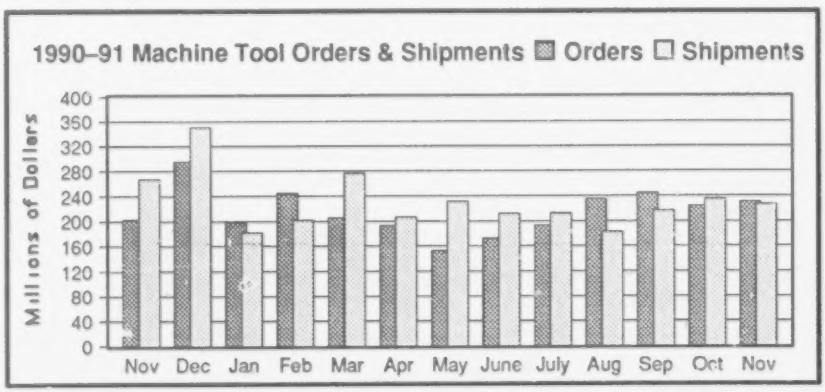
FOR RELEASE: December 30, 1991

Machine tool orders up in November

November machine tool orders totaled $231.35 million, up nearly 3.0% compared to October's $224.65 million, according to figures released today by NMTBA – The Association For Manufacturing Technology. Year–to–date orders totaled $2,299.85 million, 13.8% below 1990's $2,668.90 million. November 1991 orders were 14.1% above the figure for November 1990.

Machine tool shipments in November totaled $227.60 million, down 3.5% from October's $235.75 million. Year–to–date 1991 shipments reached $2,388.80 million, 19.0% below 1990's $2,949.40 million. Comparing November 1991 to November 1990, shipments were down 14.9%.



"After a late spring slackening of machine tool orders," said NMTBA president Albert W. Moore, "we are pleased to end 1991 on a stronger note. Orders have been trending upward since May. We are especially encouraged that export orders for the first eleven months of 1991 are running 25% ahead of 1990."

Metal Cutting

November metal cutting orders totaled $161.35 million, up 3.5% from October. Year–to–date metal cutting orders were down 14.9% compared to 1990. Comparing November 1991 to the same month a year ago, orders were up 18.1%.

(more)

Metal cutting shipments in November totaled $144.35 million, down 18.6% compared to October. Year–to–date shipments were down 19.8% compared to the same period in 1990. Comparing November 1991 to the same month last year, metal cutting shipments were down 20.8%.

Metal Forming

Metal forming machine tool orders for November reached $70.0 million, 1.7% above October's total. Year–to–date 1991 metal forming orders were down 7.6%. November 1991 metal forming orders were 5.9% above the total for November 1990.

At $83.25 million, November metal forming shipments were up 42.4% for the month. Year–to–date metal forming shipments were down 17.2%. Comparing November 1991 to November 1990, shipments were down 2.4%.

Backlog

The machine tool order backlog for November 1991 was $1,388.65 million, up from October's $1,384.90 million. The November 1990 backlog was $1,523.10 million.

# # #

COMPARISON CHART

NMTBA INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

November 1991

	Nov 91	Oct 91	% Change	Nov 91	Nov 90	%Change	YTD 91	YTD 90	% Change
METAL CUTTING									
Net New Orders									
Domestic	140.65	133.90	5.04%	140.65	113.10	24.36%	1307.65	1620.85	–19.32%
Export	20.70	21.95	–5.69%	20.70	23.55	–12.10%	302.45	271.35	11.46%
Total	161.35	155.85	3.53%	161.35	136.65	18.08%	1610.10	1892.20	–14.91%
Shipments									
Domestic	118.70	155.35	–23.59%	118.70	160.60	–26.09%	1413.70	1794.50	–21.22%
Export	25.65	21.95	16.86%	25.65	21.60	18.75%	241.10	268.65	–10.25%
Total	144.35	177.30	–18.58%	144.35	182.20	–20.77%	1654.80	2063.15	–19.79%
METAL FORMING									
Net New Orders									
Domestic	43.00	51.35	–16.26%	43.00	48.15	–10.70%	504.55	658.30	–23.36%
Export	27.00	17.45	54.73%	27.00	17.95	50.42%	185.20	118.40	56.42%
Total	70.00	68.80	1.74%	70.00	66.10	5.90%	717.70	776.70	–7.60%
Shipments									
Domestic	74.25	48.35	53.57%	74.25	63.40	17.11%	569.05	773.90	–26.47%
Export	9.00	10.10	–10.89%	9.00	21.85	–58.81%	164.95	112.35	46.82%
Total	83.25	58.45	42.43%	83.25	85.25	–2.35%	734.00	886.25	–17.18%
TOTAL CUTTING & FORMING									
Net New Orders									
Domestic	183.65	185.25	–0.86%	183.65	161.25	13.89%	1812.20	2279.15	–20.49%
Export	47.70	39.40	21.07%	47.70	41.50	14.94%	487.65	389.75	25.12%
Total	231.35	224.65	2.98%	231.35	202.75	14.11%	2299.85	2668.90	–13.83%
Shipments									
Domestic	192.95	203.70	–5.28%	192.95	224.00	–13.86%	1982.75	2568.40	–22.80%
Export	34.65	32.05	8.11%	34.65	43.45	–20.25%	406.05	381.00	6.57%
Total	227.60	235.75	–3.46%	227.60	267.45	–14.90%	2388.80	2949.40	–19.01%

Source: NMTBA – The Association For Manufacturing Technology

NMTBA INDUSTRY ESTIMATES

November 1991

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS			Order Backlog	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Export	Total		Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1990	2,532.50	432.20	2,964.70	1,468.40	2,855.55	444.35	3,299.90	2,641.25	459.85	3,101.10	108.75	27.65	136.40
1991													
JAN	167.00	32.85	199.85	1,485.70	154.25	28.30	182.55	176.75	40.00	216.75	9.75	7.15	16.90
FEB	165.10	80.05	245.15	1,528.70	168.25	33.90	202.15	175.15	81.10	256.25	10.05	1.05	11.10
MAR	158.65	46.80	205.45	1,457.30	234.80	42.05	276.85	169.60	48.10	217.70	10.95	1.30	12.25
APR	147.25	46.45	193.70	1,443.95	173.60	33.45	207.05	153.55	48.10	201.65	6.30	1.65	7.95
MAY	131.50	21.50	153.00	1,365.10	201.85	30.00	231.85	140.60	21.60	162.20	9.10	0.10	9.20
JUN	112.75	60.15	172.90	1,325.85	151.45	60.70	212.15	118.45	60.65	179.10	5.70	0.50	6.20
JUL	150.15	43.10	193.25	1,306.30	172.35	40.45	212.80	159.25	44.95	204.20	9.10	1.85	10.95
AUG	204.35	31.40	235.75	1,358.70	152.60	30.75	183.35	207.45	31.55	239.00	3.10	0.15	3.25
SEP	206.55	38.25	244.80	1,386.80	176.95	39.75	216.70	210.40	39.80	250.20	3.85	1.55	5.40
OCT (R)	185.25	39.40	224.65	1,384.90	203.70	32.05	235.75	199.45	45.30	244.75	14.20	5.90	20.10
NOV (P)	183.65	47.70	231.35	1,388.65	192.95	34.65	227.60	189.75	48.55	238.30	6.10	0.85	6.95
TOTALS	1812.20	487.65	2,299.85		1,982.75	406.05	2,388.80	1,900.40	509.70	2,410.10	88.20	22.05	110.25

Source: NMTBA – The Association For Manufacturing Technology

P – preliminary R – revised

NMTBA INDUSTRY ESTIMATES

November 1991

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS Domestic	Export	Total	Order Backlog	SHIPMENTS Domestic	Export	Total	GROSS NEW ORDERS Domestic	Export	Total	CANCELLATIONS Domestic	Export	Total
1990	1,771.95	298.35	2,070.30	1,164.00	2,004.45	325.15	2,329.60	1,867.25	318.45	2,185.70	95.30	20.10	115.40
1991													
JAN	107.20	22.85	130.05	1,183.25	93.25	17.55	110.80	115.90	29.95	145.85	8.70	7.10	15.80
FEB	113.80	72.45	186.25	1,236.35	109.45	23.70	133.15	123.40	73.45	196.85	9.60	1.00	10.60
MAR	127.20	26.35	153.55	1,216.05	148.75	25.10	173.85	137.05	27.55	164.60	9.85	1.20	11.05
APR	109.95	26.50	136.45	1,207.15	126.55	18.80	145.35	114.10	28.10	142.20	4.15	1.60	5.75
MAY	96.45	13.15	109.60	1,142.90	157.25	16.60	173.85	104.35	13.20	117.55	7.90	0.05	7.95
JUN	87.70	43.25	130.95	1,131.25	104.30	38.30	142.60	92.95	43.70	136.65	5.25	0.45	5.70
JUL	123.25	22.35	145.60	1,127.45	137.35	12.05	149.40	131.25	22.40	153.65	8.00	0.05	8.05
AUG	117.30	9.10	126.40	1,116.50	121.85	15.50	137.35	120.15	9.15	129.30	2.85	0.05	2.90
SEP	150.25	23.80	174.05	1,123.75	140.90	25.90	166.80	154.00	23.85	177.85	3.75	0.05	3.80
OCT (R)	133.90	21.95	155.85	1,102.30	155.35	21.95	177.30	147.55	27.80	175.35	13.65	5.85	19.50
NOV (P)	140.65	20.70	161.35	1,119.30	118.70	25.65	144.35	145.70	21.30	167.00	5.05	0.60	5.65
TOTALS	1,307.65	302.45	1,610.10		1,413.70	241.10	1,654.80	1,386.40	320.45	1,706.85	78.75	18.00	96.75

Source: NMTBA – The Association For Manufacturing Technology

P – preliminary R – revised

NMTBA INDUSTRY ESTIMATES

November 1991

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS Domestic	Export	Total	Order Backlog	SHIPMENTS Domestic	Export	Total	GROSS NEW ORDERS Domestic	Export	Total	CANCELLATIONS Domestic	Export	Total
1990	760.55	133.85	894.40	304.40	851.10	119.20	970.30	774.00	141.40	915.40	13.45	7.55	21.00
1991													
JAN	59.80	10.00	69.80	302.45	61.00	10.75	71.75	60.85	10.05	70.90	1.05	0.05	1.10
FEB	51.30	7.60	58.90	292.35	58.80	10.20	69.00	51.75	7.65	59.40	0.45	0.05	0.50
MAR	31.45	20.45	51.90	241.25	86.05	16.95	103.00	32.55	20.55	53.10	1.10	0.10	1.20
APR	37.30	19.95	57.25	236.80	47.05	14.65	61.70	39.45	20.00	59.45	2.15	0.05	2.20
MAY	35.05	8.35	43.40	222.20	44.60	13.40	58.00	36.25	8.40	44.65	1.20	0.05	1.25
JUN	25.05	16.90	41.95	194.60	47.15	22.40	69.55	25.50	16.95	42.45	0.45	0.05	0.50
JUL	26.90	20.75	47.65	178.85	35.00	28.40	63.40	28.00	22.55	50.55	1.10	1.80	2.90
AUG	87.05	22.30	109.35	242.20	30.75	15.25	46.00	87.30	22.40	109.70	0.25	0.10	0.35
SEP	56.30	14.45	70.75	263.05	36.05	13.85	49.90	56.40	15.95	72.35	0.10	1.50	1.60
OCT (R)	51.35	17.45	68.80	273.40	48.35	10.10	58.45	51.90	17.50	69.40	0.55	0.05	0.60
NOV (P)	43.00	27.00	70.00	260.15	74.25	9.00	83.25	44.05	27.25	71.30	1.05	0.25	1.30
TOTALS	504.55	185.20	717.70		569.05	164.95	734.00	514.00	189.25	703.25	9.45	4.05	13.50

Source: NMTBA – The Association For Manufacturing Technology

P – preliminary R – revised

A3179-1

NEWS

AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association

Contact:
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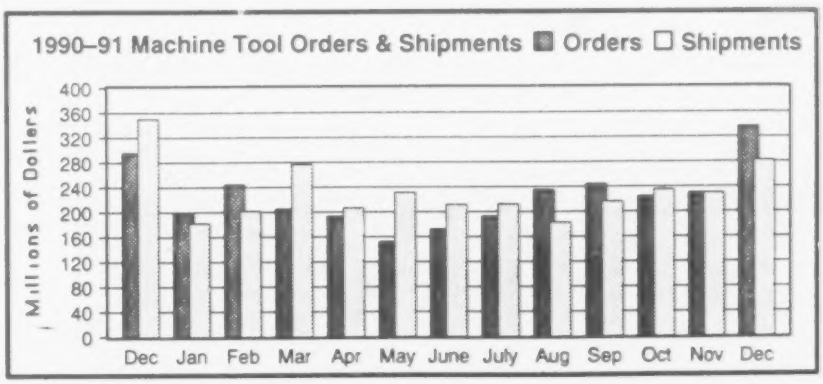
FOR RELEASE: January 27, 1992

December machine tool orders up, metal cutting highest since March '81

At $336.85 million, December machine tool orders were up 46.0% compared to November's $230.70 million, according to figures released today by AMT – The Association For Manufacturing Technology. The monthly total for metal cutting machine tools ($277.60 million) is the highest since March 1981. (Metal forming machine tool orders totaled $59.25 million in December.)

Total new orders for 1991 stood at $2,636.05 million, 11.1% less than 1990's $2,964.70 million. December 1991 orders were 13.9% above the figure for December 1990.

Machine tool shipments in December totaled $282.30 million, 22.6% above November's $230.25 million. Annual 1991 shipments were $2,673.75 million, 19% below the total for 1990. Comparing December 1991 to December 1990, shipments were down 19.5%.



"We are closing out 1991 on a positive note," said AMT President Albert W. Moore. "December was the best month for metal cutting new orders in nearly 11 years, and 1991 was the second best year ever for U.S. machine tool industry export orders." He continued, "The strength in December orders was not unexpected. It reflects the decisions by customer industries to move from the planning to the production stage. What is surprising is the breadth of the increase in order activity."

(more)

Metal Cutting

December metal cutting orders totaled $277.60 million, 71.8% higher than in November. Yearly metal cutting orders were down 8.8% compared to 1990. Comparing December 1991 to December 1990, orders were up 55.9%.

At $217.30 million, December metal cutting shipments were up 50.5% for the month. Yearly shipments were down 19.6% compared to 1990. Comparing December 1991 to the same month last year, metal cutting shipments were down 18.4%.

Metal Forming

Metal forming machine tool orders for December totaled $59.25 million, down 14.3% for the month. Compared to 1990, the 1991 metal forming order total was down 16.4%. December 1991 metal forming orders were 49.7% below the total for the same month in 1990.

At $65.00 million, December metal forming shipments were down 24.3% compared to November. Yearly 1991 metal forming shipments were down 17.4% compared to 1990. Comparing December 1991 to the same month last year, shipments were down 22.7%.

Backlog

The machine tool order backlog for December 1991 was $1,430.70 million, up from November's $1,376.15 million. The December 1990 backlog was $1,468.40 million.

# # #

COMPARISON CHART

AMT INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

December 1991

	Dec 91	Nov 91	% Change	Dec 91	Dec 90	%Change	YTD 91	YTD 90	% Change
METAL CUTTING									
Net New Orders									
Domestic	235.30	140.85	67.1	235.30	151.10	55.7	1,543.15	1,771.95	–12.9
Export	42.30	20.70	104.3	42.30	27.00	56.7	344.75	298.35	15.6
Total	277.60	161.55	71.8	277.60	178.10	55.9	1,887.90	2,070.30	–8.8
Shipments									
Domestic	183.20	118.70	54.3	183.20	209.95	–12.7	1,596.90	2,004.45	–20.3
Export	34.10	25.65	32.9	34.10	56.50	–39.6	275.20	325.15	–15.4
Total	217.30	144.35	50.5	217.30	266.45	–18.4	1,872.10	2,329.60	–19.6
METAL FORMING									
Net New Orders									
Domestic	43.45	41.35	5.1	43.45	102.25	–57.5	546.35	760.55	–28.2
Export	15.80	27.80	–43.2	15.80	15.45	2.3	201.80	133.85	50.8
Total	59.25	69.15	–14.3	59.25	117.70	–49.7	748.15	894.40	–16.4
Shipments									
Domestic	52.90	76.90	–31.2	52.90	77.20	–31.5	624.60	851.10	–26.6
Export	12.10	9.00	34.4	12.10	6.85	76.6	177.05	119.20	48.5
Total	65.00	85.90	–24.3	65.00	84.05	–22.7	801.65	970.30	–17.4
TOTAL CUTTING & FORMING									
Net New Orders									
Domestic	278.75	182.20	53.0	278.75	253.35	10.0	2,089.50	2,532.50	–17.5
Export	58.10	48.50	19.8	58.10	42.45	36.9	546.55	432.20	26.5
Total	336.85	230.70	46.0	336.85	295.80	13.9	2,636.05	2,964.70	–11.1
Shipments									
Domestic	236.10	195.60	20.7	236.10	287.15	–17.8	2,221.50	2,855.55	–22.2
Export	46.20	34.65	33.3	46.20	63.35	–27.1	452.25	444.35	1.8
Total	282.30	230.25	22.6	282.30	350.50	–19.5	2,673.75	3,299.90	–19.0

Source: AMT – The Association For Manufacturing Technology

AMT INDUSTRY ESTIMATES

December 1991

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS			Order Backlog	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Export	Total		Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1990	2,532.50	432.20	2,964.70	1,468.40	2,855.55	444.35	3,299.90	2,641.25	459.85	3,101.10	108.75	27.65	136.40
1991													
JAN	167.00	32.85	199.85	1,485.70	154.25	28.30	182.55	176.75	40.00	216.75	9.75	7.15	16.90
FEB	165.10	80.05	245.15	1,526.70	168.25	33.90	202.15	175.15	81.10	256.25	10.05	1.05	11.10
MAR	158.65	46.80	205.45	1,457.30	234.80	42.05	276.85	169.60	48.10	217.70	10.95	1.30	12.25
APR	147.25	46.45	193.70	1,443.95	173.60	33.45	207.05	153.55	48.10	201.65	6.30	1.65	7.95
MAY	131.50	21.50	153.00	1,365.10	201.85	30.00	231.85	140.60	21.60	162.20	9.10	0.10	9.20
JUN	112.75	60.15	172.90	1,325.85	151.45	60.70	212.15	118.45	60.65	179.10	5.70	0.50	6.20
JUL	150.15	43.10	193.25	1,306.30	172.35	40.45	212.80	159.25	44.95	204.20	9.10	1.85	10.95
AUG	204.35	31.40	235.75	1,358.70	152.60	30.75	183.35	207.45	31.55	239.00	3.10	0.15	3.25
SEP	206.55	38.25	244.80	1,386.80	176.95	39.75	216.70	210.40	39.80	250.20	3.85	1.55	5.40
OCT	185.25	39.40	224.65	1,375.70	203.70	32.05	235.75	199.45	45.30	244.75	14.20	5.90	20.10
NOV (R)	182.20	48.50	230.70	1,376.15	195.60	34.65	230.25	188.40	49.35	237.75	6.20	0.85	7.05
DEC (P)	278.75	58.10	336.85	1,430.70	236.10	46.20	282.30	294.95	61.25	356.20	16.20	3.15	19.35
TOTALS	2,089.50	546.55	2,636.05		2,221.50	452.25	2,673.75	2,194.00	571.75	2,765.75	104.50	25.20	129.70

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

December 1991

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1990	1,771.95	298.35	2,070.30	1,164.00	2,004.45	325.15	2,329.60	1,867.25	318.45	2,185.70	95.30	20.10	115.40
1991													
JAN	107.20	22.85	130.05	1,183.25	93.25	17.55	110.80	115.90	29.95	145.85	8.70	7.10	15.80
FEB	113.80	72.45	186.25	1,236.35	109.45	23.70	133.15	123.40	73.45	196.85	9.60	1.00	10.60
MAR	127.20	26.35	153.55	1,216.05	148.75	25.10	173.85	137.05	27.55	164.60	9.85	1.20	11.05
APR	109.95	26.50	136.45	1,207.15	126.55	18.80	145.35	114.10	28.10	142.20	4.15	1.60	5.75
MAY	96.45	13.15	109.60	1,142.90	157.25	16.60	173.85	104.35	13.20	117.55	7.90	0.05	7.95
JUN	87.70	43.25	130.95	1,131.25	104.30	38.30	142.60	92.95	43.70	136.65	5.25	0.45	5.70
JUL	123.25	22.35	145.60	1,127.45	137.35	12.05	149.40	131.25	22.40	153.65	8.00	0.05	8.05
AUG	117.30	9.10	126.40	1,116.50	121.85	15.50	137.35	120.15	9.15	129.30	2.85	0.05	2.90
SEP	150.25	23.80	174.05	1,123.75	140.90	25.90	166.80	154.00	23.85	177.85	3.75	0.05	3.80
OCT	133.90	21.95	155.85	1,102.30	155.35	21.95	177.30	147.55	27.80	175.35	13.65	5.85	19.50
NOV (R)	140.85	20.70	161.55	1,119.50	118.70	25.65	144.35	145.90	21.30	167.20	5.05	0.60	5.65
DEC (P)	235.30	42.30	277.60	1,179.80	183.20	34.10	217.30	248.60	45.40	294.00	13.30	3.10	16.40
TOTALS	1,543.15	344.75	1,887.90		1,596.90	275.20	1,872.10	1,635.20	365.85	2,001.05	92.05	21.10	113.15

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

December 1991

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1990	760.55	133.85	894.40	304.40	851.10	119.20	970.30	774.00	141.40	915.40	13.45	7.55	21.00
1991													
JAN	59.80	10.00	69.80	302.45	61.00	10.75	71.75	60.85	10.05	70.90	1.05	0.05	1.10
FEB	51.30	7.60	58.90	292.35	58.80	10.20	69.00	51.75	7.65	59.40	0.45	0.05	0.50
MAR	31.45	20.45	51.90	241.25	86.05	16.95	103.00	32.55	20.55	53.10	1.10	0.10	1.20
APR	37.30	19.95	57.25	236.80	47.05	14.65	61.70	39.45	20.00	59.45	2.15	0.05	2.20
MAY	35.05	8.35	43.40	222.20	44.60	13.40	58.00	36.25	8.40	44.65	1.20	0.05	1.25
JUN	25.05	16.90	41.95	194.60	47.15	22.40	69.55	25.50	16.95	42.45	0.45	0.05	0.50
JUL	26.90	20.75	47.65	178.85	35.00	28.40	63.40	28.00	22.55	50.55	1.10	1.80	2.90
AUG	87.05	22.30	109.35	242.20	30.75	15.25	46.00	87.30	22.40	109.70	0.25	0.10	0.35
SEP	56.30	14.45	70.75	263.05	36.05	13.85	49.90	56.40	15.95	72.35	0.10	1.50	1.60
OCT	51.35	17.45	68.80	273.40	48.35	10.10	58.45	51.90	17.50	69.40	0.55	0.05	0.60
NOV (R)	41.35	27.80	69.15	256.65	76.90	9.00	85.90	42.50	28.05	70.55	1.15	0.25	1.40
DEC (P)	43.45	15.80	59.25	250.90	52.90	12.10	65.00	46.35	15.85	62.20	2.90	0.05	2.95
TOTALS	546.35	201.80	748.15		624.60	177.05	801.65	558.80	205.90	764.70	12.45	4.10	16.55

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS

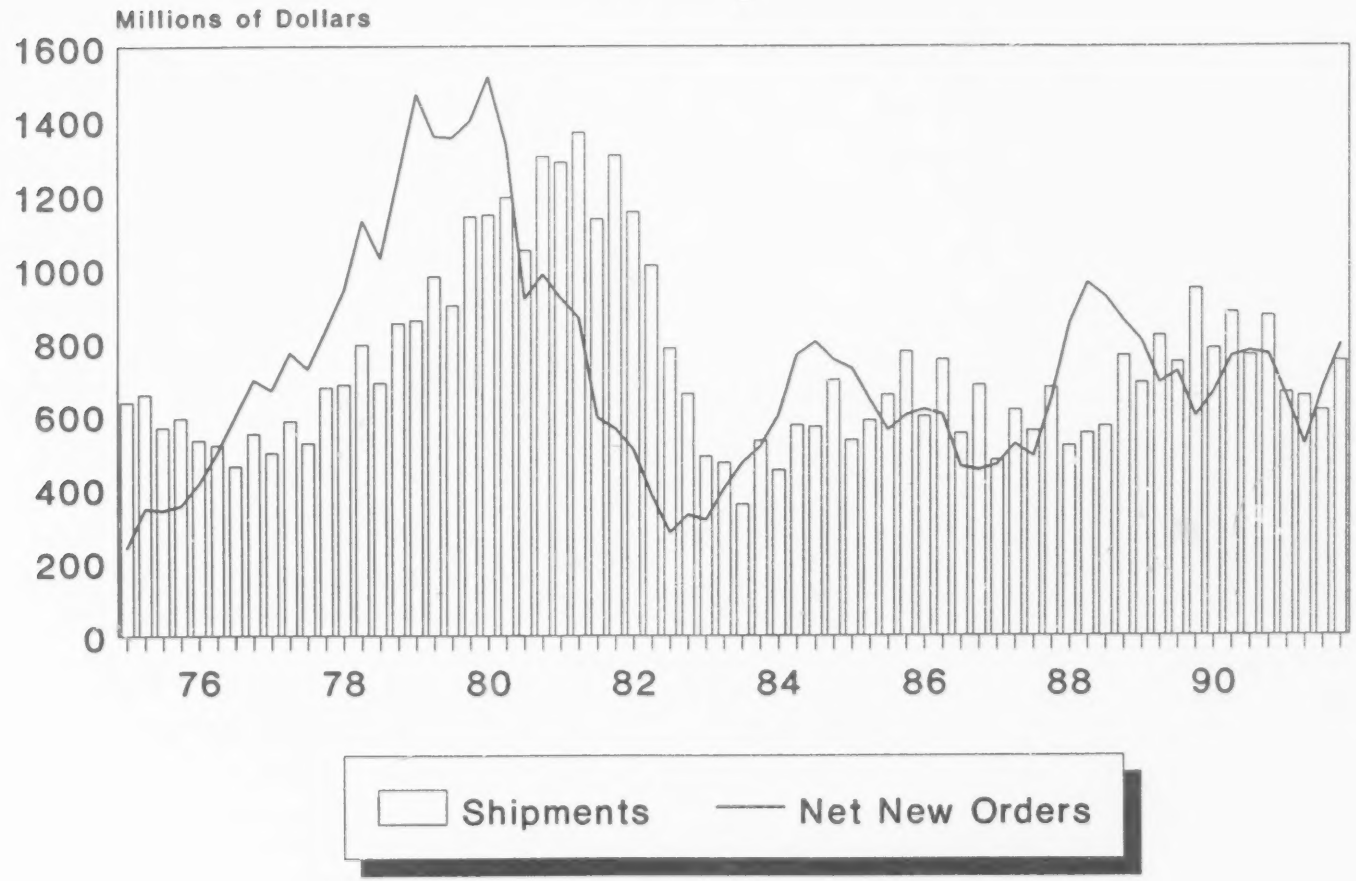
(Dollar Figures in Thousands)
1985 to Date

	Cutting and Forming			Cutting			Forming		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4	772,800	108,850	600,000	557,150	93,200	444,150	215,650	15,650	155,850
Total	$2,545,200	$253,750	$2,528,100	$1,742,250	$193,750	$1,853,100	$ 802,950	$ 60,000	$ 674,000
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
4	680,850	76,650	449,300	515,300	51,400	302,050	165,550	25,250	147,250
Total	$2,578,500	$272,450	$2,125,300	$1,890,300	$205,600	$1,544,250	$ 688,200	$ 66,850	$ 581,050
1987-1	$ 476,800	$ 55,950	$ 463,700	$ 349,150	$ 38,050	$ 326,100	$ 127,650	$ 17,900	$ 137,600
2	614,100	71,300	521,150	442,600	46,300	339,300	171,500	25,000	181,850
3	556,650	66,300	487,850	397,750	43,350	324,550	158,900	22,950	163,300
4	676,100	93,350	646,100	487,000	49,950	461,500	189,100	43,400	184,600
Total	$2,323,650	$286,900	$2,118,800	$1,676,500	$177,650	$1,451,450	$ 647,150	$ 109,250	$ 667,350
1988-1	$ 516,500	$ 60,000	$ 850,000	$ 317,850	$ 35,300	$ 666,250	$ 198,650	$ 24,700	$ 183,750
2	551,150	74,400	960,500	339,350	40,900	676,500	211,800	33,500	284,000
3	569,200	66,350	922,650	391,300	38,650	715,000	177,900	27,700	207,650
4	762,250	96,050	857,700	526,050	59,600	650,150	236,200	36,450	207,550
Total	$2,399,100	$296,800	$3,590,850	$1,574,550	$174,450	$2,707,900	$ 824,550	$ 122,350	$ 882,950
1989-1	$ 687,650	$ 81,400	$ 803,300	$ 481,550	$ 50,900	$ 602,550	$ 206,100	$ 30,500	$ 200,750
2	817,850	101,150	688,500	578,150	64,450	459,550	239,700	36,700	228,950
3	745,500	109,350	720,450	574,000	82,600	481,900	171,500	26,750	238,550
4	944,600	140,350	595,700	724,900	101,450	432,350	219,700	38,900	163,350
Total	$3,195,600	$432,250	$2,807,950	$2,358,600	$299,400	$1,976,350	$ 837,000	$ 132,850	$ 831,600
1990-1	$ 783,250	$104,650	$ 661,700	$ 545,850	$ 79,050	$ 455,650	$ 237,400	$ 25,600	$ 206,050
2	881,300	108,700	760,950	638,800	84,750	533,050	242,500	23,950	227,900
3	763,650	92,550	775,400	507,500	59,350	584,450	256,150	33,200	190,950
4	871,700	138,450	766,650	637,450	102,000	497,150	234,250	36,450	269,500
Total	$3,299,900	$444,350	$2,964,700	$2,329,600	$325,150	$2,070,300	$ 970,300	$ 119,200	$ 894,400
1991-1	$ 661,550	$104,250	$ 650,450	$ 417,800	$ 66,350	$ 469,850	$ 243,750	$ 37,900	$ 180,600
2	651,050	124,150	519,600	461,800	73,700	377,000	189,250	50,450	142,600
3	612,850	110,950	673,800	453,550	53,450	446,050	159,300	57,500	227,750
4P	748,300	112,900	792,200	538,950	81,700	595,000	209,350	31,200	197,200
Total	$2,673,750	$452,250	$2,636,050	$1,872,100	$275,200	$1,887,900	$ 801,650	$ 177,050	$ 748,150

P - Preliminary
Source: AMT - The Association For Manufacturing Technology

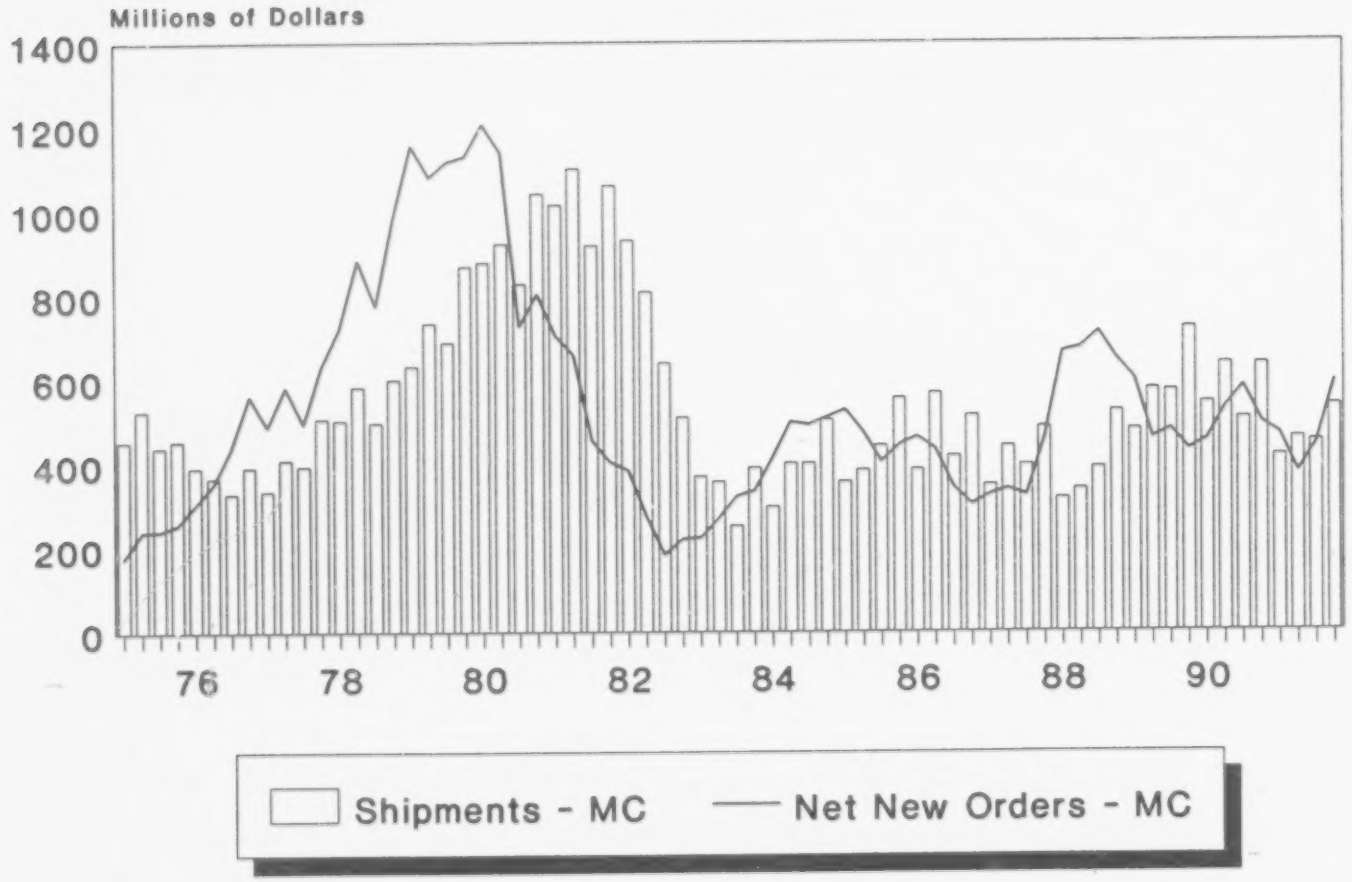
January 27, 1992

Total Machine Tools
Shipments and Net New Orders, Quarterly



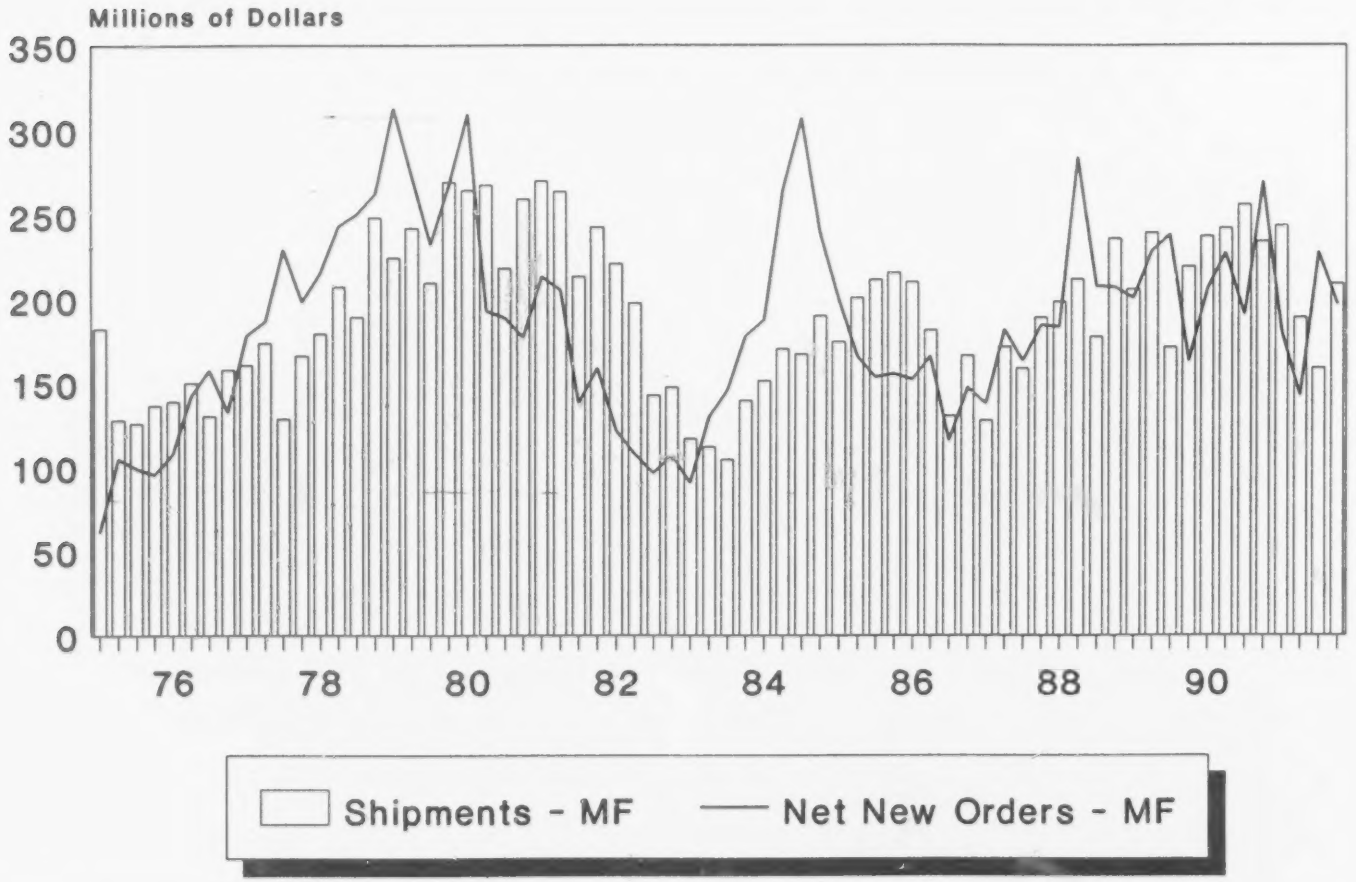
Compiled by AMT

Metal Cutting Machine Tools
Shipments and Net New Orders, Quarterly



Compiled by AMT

Metal Forming Machine Tools
Shipments and Net New Orders, Quarterly



Compiled by AMT

A3179-1A

NEWS

AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association

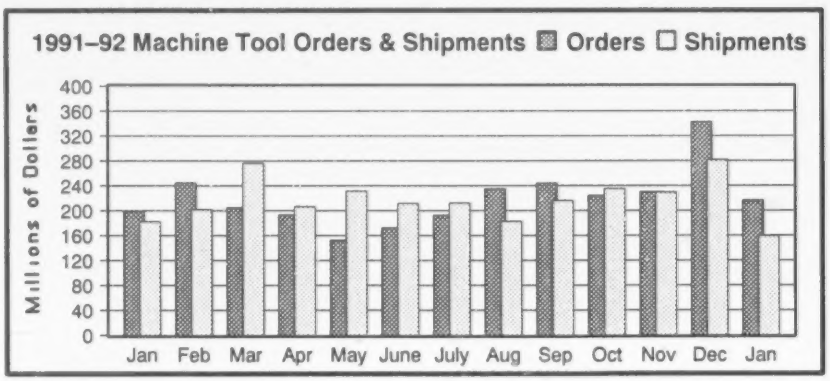
Contact:
Charles Pollock, VP, Communications, 703–827–5206
Patrick McGibbon, Director–Statistical, 703–827–5255

FOR RELEASE: February 24, 1992

January machine tool orders top year–ago level

Compared to January a year ago, January 1992 machine tool orders of $217.20 million were up 8.7%, according to figures released today by AMT – The Association For Manufacturing Technology. Compared to December 1991, January machine tool orders were down 36.7%.

At $159.60 million, January machine tool shipments were down 43.4% compared with December's $282.00 million. December's figure reflects the usual year–end surge in shipments. Compared to January 1991, January 1992 shipments are down 12.6%.



Albert W. Moore, AMT president said, "This month's domestic orders were the best for January since 1988. And January's $204.05 million in domestic orders exceeds the 1991 monthly average for domestic orders of $174.6 million."

He continued, "We are pleased that the President and the Congress are discussing ways to incentivize investment, but we are concerned that buyers are delaying making a decision until the specifics are known. The country needs a decision on this issue without delay."

(more)

Metal Cutting

January metal cutting orders totaled $158.55 million, down 44.1% compared to December. Comparing January 1992 to January a year ago, orders were up 21.9%.

At $106.25 million, January metal cutting shipments were down 51.0% compared to December. Comparing January 1992 to the same month last year, shipments were down 4.1%.

Metal Forming

At $58.65 million, January metal forming machine tool orders were down 1.0% for the month. January 1992 metal forming orders were down 16.0% compared to the same month in 1991.

At $53.35 million, January metal forming shipments were down 17.9% compared to December. Compared to January 1991, January shipments were down 25.6%.

Backlog

The machine tool order backlog for January 1992 was $1,494.65 million, up from December's $1,437.05 million. The January 1991 backlog was $1,485.70 million.

# # #

COMPARISON CHART

AMT INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

January 1992

	Jan 92	Dec 91	% Change	Jan 92	Jan 91	%Change	YTD 92	YTD 91	% Change
METAL CUTTING									
Net New Orders									
Domestic	153.40	241.35	–36.4	153.40	107.20	43.1	153.40	107.20	43.1
Export	5.15	42.30	–87.8	5.15	22.85	–77.5	5.15	22.85	–77.5
Total	158.55	283.65	–44.1	158.55	130.05	21.9	158.55	130.05	21.9
Shipments									
Domestic	97.50	181.65	–46.3	97.50	93.25	4.6	97.50	93.25	4.6
Export	8.75	35.35	–75.2	8.75	17.55	–50.1	8.75	17.55	–50.1
Total	106.25	217.00	–51.0	106.25	110.80	–4.1	106.25	110.80	–4.1
METAL FORMING									
Net New Orders									
Domestic	50.65	43.45	16.6	50.65	59.80	–15.3	50.65	59.80	–15.3
Export	8.00	15.80	–49.4	8.00	10.00	–20.0	8.00	10.00	–20.0
Total	58.65	59.25	–1.0	58.65	69.80	–16.0	58.65	69.80	–16.0
Shipments									
Domestic	37.85	52.90	–28.4	37.85	61.00	–38.0	37.85	61.00	–38.0
Export	15.50	12.10	28.1	15.50	10.75	44.2	15.50	10.75	44.2
Total	53.35	65.00	–17.9	53.35	71.75	–25.6	53.35	71.75	–25.6
TOTAL CUTTING & FORMING									
Net New Orders									
Domestic	204.05	284.80	–28.4	204.05	167.00	22.2	204.05	167.00	22.2
Export	13.15	58.10	–77.4	13.15	32.85	–60.0	13.15	32.85	–60.0
Total	217.20	342.90	–36.7	217.20	199.85	8.7	217.20	199.85	8.7
Shipments									
Domestic	135.35	234.55	–42.3	135.35	154.25	–12.3	135.35	154.25	–12.3
Export	24.25	47.45	–48.9	24.25	28.30	–14.3	24.25	28.30	–14.3
Total	159.60	282.00	–43.4	159.60	182.55	–12.6	159.60	182.55	–12.6

Source: AMT – The Association For Manufacturing Technology

AMT INDUSTRY ESTIMATES

January 1992

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS			Order Backlog	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Export	Total		Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	2,095.55	546.55	2,642.10	1,437.05	2,219.95	453.50	2,673.45	2,201.45	571.85	2,773.30	105.90	25.30	131.20
1992													
JAN (P)	204.05	13.15	217.20	1,494.65	135.35	24.25	159.60	212.20	14.75	226.95	8.15	1.60	9.75
TOTALS	204.05	13.15	217.20		135.35	24.25	159.60	212.20	14.75	226.95	8.15	1.60	9.75

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

January 1992

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS Domestic	Export	Total	Order Backlog	SHIPMENTS Domestic	Export	Total	GROSS NEW ORDERS Domestic	Export	Total	CANCELLATIONS Domestic	Export	Total
1991	1,549.20	344.75	1,893.95	1,186.15	1,595.35	276.45	1,871.80	1,642.65	365.95	2,008.60	93.45	21.20	114.65
1992													
JAN (P)	153.40	5.15	158.55	1,238.45	97.50	8.75	106.25	158.90	6.70	165.60	5.50	1.55	7.05
TOTALS	153.40	5.15	158.55		97.50	8.75	106.25	158.90	6.70	165.60	5.50	1.55	7.05

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS Domestic	Export	Total	Order Backlog	SHIPMENTS Domestic	Export	Total	GROSS NEW ORDERS Domestic	Export	Total	CANCELLATIONS Domestic	Export	Total
1991	546.35	201.80	748.15	250.90	624.60	177.05	801.65	558.80	205.90	764.70	12.45	4.10	16.55
1992													
JAN (P)	50.65	8.00	58.65	256.20	37.85	15.50	53.35	53.30	8.05	61.35	2.65	0.05	2.70
TOTALS	50.65	8.00	58.65		37.85	15.50	53.35	53.30	8.05	61.35	2.65	0.05	2.70

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

1991 Final

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1990	2,532.50	432.20	2,964.70	1,468.40	2,855.55	444.35	3,299.90	2,641.25	459.85	3,101.10	108.75	27.65	136.40
1991													
JAN	167.00	32.85	199.85	1,485.70	154.25	28.30	182.55	176.75	40.00	216.75	9.75	7.15	16.90
FEB	165.10	80.05	245.15	1,528.70	168.25	33.90	202.15	175.15	81.10	256.25	10.05	1.05	11.10
MAR	158.65	46.80	205.45	1,457.30	234.80	42.05	276.85	169.60	48.10	217.70	10.95	1.30	12.25
APR	147.25	46.45	193.70	1,443.95	173.60	33.45	207.05	153.55	48.10	201.65	6.30	1.65	7.95
MAY	131.50	21.50	153.00	1,365.10	201.85	30.00	231.85	140.60	21.60	162.20	9.10	0.10	9.20
JUN	112.75	60.15	172.90	1,325.85	151.45	60.70	212.15	118.45	60.65	179.10	5.70	0.50	6.20
JUL	150.15	43.10	193.25	1,306.30	172.35	40.45	212.80	159.25	44.95	204.20	9.10	1.85	10.95
AUG	204.35	31.40	235.75	1,358.70	152.60	30.75	183.35	207.45	31.55	239.00	3.10	0.15	3.25
SEP	206.55	38.25	244.80	1,386.80	176.95	39.75	216.70	210.40	39.80	250.20	3.85	1.55	5.40
OCT	185.25	39.40	224.65	1,375.70	203.70	32.05	235.75	199.45	45.30	244.75	14.20	5.90	20.10
NOV	182.20	48.50	230.70	1,376.15	195.60	34.65	230.25	188.40	49.35	237.75	6.20	0.85	7.05
DEC	284.80	58.10	342.90	1,437.05	234.55	47.45	282.00	302.40	61.35	363.75	17.60	3.25	20.85
TOTALS	2,095.55	546.55	2,642.10		2,219.95	453.50	2,673.45	2,201.45	571.85	2,773.30	105.90	25.30	131.20

Source: AMT – The Association For Manufacturing Technology

AMT INDUSTRY ESTIMATES

1991 Final

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1990	1,771.95	298.35	2,070.30	1,164.00	2,004.45	325.15	2,329.60	1,867.25	318.45	2,185.70	95.30	20.10	115.40
1991													
JAN	107.20	22.85	130.05	1,183.25	93.25	17.55	110.80	115.90	29.95	145.85	8.70	7.10	15.80
FEB	113.80	72.45	186.25	1,236.35	109.45	23.70	133.15	123.40	73.45	196.85	9.60	1.00	10.60
MAR	127.20	26.35	153.55	1,216.05	148.75	25.10	173.85	137.05	27.55	164.60	9.85	1.20	11.05
APR	109.95	26.50	136.45	1,207.15	126.55	18.80	145.35	114.10	28.10	142.20	4.15	1.60	5.75
MAY	96.45	13.15	109.60	1,142.90	157.25	16.60	173.85	104.35	13.20	117.55	7.90	0.05	7.95
JUN	87.70	43.25	130.95	1,131.25	104.30	38.30	142.60	92.95	43.70	136.65	5.25	0.45	5.70
JUL	123.25	22.35	145.60	1,127.45	137.35	12.05	149.40	131.25	22.40	153.65	8.00	0.05	8.05
AUG	117.30	9.10	126.40	1,116.50	121.85	15.50	137.35	120.15	9.15	129.30	2.85	0.05	2.90
SEP	150.25	23.80	174.05	1,123.75	140.90	25.90	166.80	154.00	23.85	177.85	3.75	0.05	3.80
OCT	133.90	21.95	155.85	1,102.30	155.35	21.95	177.30	147.55	27.80	175.35	13.65	5.85	19.50
NOV	140.85	20.70	161.55	1,119.50	118.70	25.65	144.35	145.90	21.30	167.20	5.05	0.60	5.65
DEC	241.35	42.30	283.65	1,186.15	181.65	35.35	217.00	256.05	45.50	301.55	14.70	3.20	17.90
TOTALS	1,549.20	344.75	1,893.95		1,595.35	276.45	1,871.80	1,642.65	365.95	2,008.60	93.45	21.20	114.65

Source: AMT – The Association For Manufacturing Technology

AMT INDUSTRY ESTIMATES

1991 Final

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1990	760.55	133.85	894.40	304.40	851.10	119.20	970.30	774.00	141.40	915.40	13.45	7.55	21.00
1991													
JAN	59.80	10.00	69.80	302.45	61.00	10.75	71.75	60.85	10.05	70.90	1.05	0.05	1.10
FEB	51.30	7.60	58.90	292.35	58.80	10.20	69.00	51.75	7.65	59.40	0.45	0.05	0.50
MAR	31.45	20.45	51.90	241.25	86.05	16.95	103.00	32.55	20.55	53.10	1.10	0.10	1.20
APR	37.30	19.95	57.25	236.80	47.05	14.65	61.70	39.45	20.00	59.45	2.15	0.05	2.20
MAY	35.05	8.35	43.40	222.20	44.60	13.40	58.00	36.25	8.40	44.65	1.20	0.05	1.25
JUN	25.05	16.90	41.95	194.60	47.15	22.40	69.55	25.50	16.95	42.45	0.45	0.05	0.50
JUL	26.90	20.75	47.65	178.85	35.00	28.40	63.40	28.00	22.55	50.55	1.10	1.80	2.90
AUG	87.05	22.30	109.35	242.20	30.75	15.25	46.00	87.30	22.40	109.70	0.25	0.10	0.35
SEP	56.30	14.45	70.75	263.05	36.05	13.85	49.90	56.40	15.95	72.35	0.10	1.50	1.60
OCT	51.35	17.45	68.80	273.40	48.35	10.10	58.45	51.90	17.50	69.40	0.55	0.05	0.60
NOV	41.35	27.80	69.15	256.65	76.90	9.00	85.90	42.50	28.05	70.55	1.15	0.25	1.40
DEC	43.45	15.80	59.25	250.90	52.90	12.10	65.00	46.35	15.85	62.20	2.90	0.05	2.95
TOTALS	546.35	201.80	748.15		624.60	177.05	801.65	558.80	205.90	764.70	12.45	4.10	16.55

Source: AMT – The Association For Manufacturing Technology

A 3179-1

NEWS

AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association

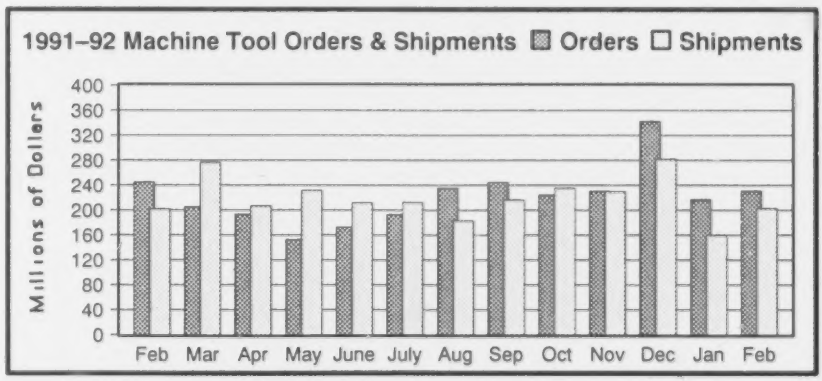
Contact:
Charles Pollock, VP, Communications, 703–827–5206
Patrick McGibbon, Director–Statistical, 703–827–5255

FOR RELEASE: March 30, 1992

Machine tool orders up in February

February 1992 machine tool orders totaled $231.40 million, up 6.4% from January's $217.40 million, according to figures released today by AMT – The Association For Manufacturing Technology. Compared to February 1991, orders were down 5.6%. At $448.80 million, year–to–date orders were slightly above last year's $445.00 million.

At $203.20 million, February machine tool shipments were up 27.2% compared to January's $159.80 million, and slightly above last February's $202.15 million. At $363.00 million, year–to–date 1992 shipments were down 5.6% compared to 1991.



Albert W. Moore, AMT president noted, "Domestic orders are off to a good start in 1992. They are over $200 million for the second consecutive month. In 1991 domestic orders reached $200 million or more only three times all year."

He continued, "With the outlook for our major export markets uncertain, foreign orders are down. But the slow or no growth condition in much of Asia and Europe does not mean we should pull back, instead it is precisely the time to invest more in export promotion. Japan and Germany have always found economic downturns in foreign markets good times to intensify their efforts and gain foreign market share. The machine tool industry is now global, and the U.S. industry must continue the successful strategy of diversifying our markets."

(more)

Metal Cutting

In February, metal cutting orders totaled $177.10 million, up 11.7% compared to January. Compared to February a year ago, metal cutting orders were down 4.9%. Compared to 1991, year–to–date metal cutting orders were up 6.1%.

At $142.80 million, February metal cutting shipments were up 34.4% for the month. Compared to February 1991, shipments were up 7.2%. Year–to–date metal cutting shipments were up 2.1%.

Metal Forming

February 1992 metal forming machine tool orders stood at $54.30 million, down 7.7% compared to January and down 7.8% compared to February a year ago. Year–to–date metal forming orders were down 12.1%.

At $60.40 million, February metal forming shipments were up 12.8% compared to January. Compared to the same month last year, February shipments were down 12.5%. Year–to–date metal forming shipments were down 19.0%.

Backlog

The machine tool order backlog for February 1992 was $1,522.85 million, up from January's $1,494.65 million. The February 1991 backlog was $1,528.70 million.

# # #

Editors: The format of the attached Comparison Chart has been revised. Please be sure that you are using the correct data. No other data table pages have been revised.

COMPARISON CHART

AMT INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

February 1992

	Feb 92	Previous Month	% Change	Year Ago Month	% Change	YTD 92	YTD 91	% Change YTD
NET NEW ORDERS								
(Domestic & Export)								
Metal Cutting	177.10	158.55	*11.7*	186.25	*–4.9*	335.65	316.30	*6.1*
Metal Forming	54.30	58.85	*–7.7*	58.90	*–7.8*	113.15	128.70	*–12.1*
Total Orders	**231.40**	**217.40**	***6.4***	**245.15**	***–5.6***	**448.80**	**445.00**	***0.9***
(Exports Only)								
Metal Cutting	19.85	5.15	*285.4*	72.45	*–72.6*	25.00	95.30	*–73.8*
Metal Forming	10.95	8.00	*36.9*	7.60	*44.1*	18.95	17.60	*7.7*
Total Export Orders	**30.80**	**13.15**	***134.2***	**80.05**	***–61.5***	**43.95**	**112.90**	***–61.1***
SHIPMENTS								
(Domestic & Export)								
Metal Cutting	142.80	106.25	*34.4*	133.15	*7.2*	249.05	243.95	*2.1*
Metal Forming	60.40	53.55	*12.8*	69.00	*–12.5*	113.95	140.75	*–19.0*
Total Shipments	**203.20**	**159.80**	***27.2***	**202.15**	***0.5***	**363.00**	**384.70**	***–5.6***
(Exports Only)								
Metal Cutting	19.85	8.75	*126.9*	23.70	*–16.2*	28.60	41.25	*30.7*
Metal Forming	13.95	15.50	*–10.0*	10.20	*36.8*	29.45	20.95	*40.6*
Total Export Shipments	**33.80**	**24.25**	***39.4***	**33.90**	***–0.3***	**58.05**	**62.20**	***–6.7***

Source: AMT – The Association For Manufacturing Technology

AMT INDUSTRY ESTIMATES

February 1992

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	2,095.55	546.55	2,642.10	1,437.05	2,219.95	453.50	2,673.45	2,201.45	571.85	2,773.30	105.90	25.30	131.20
1992													
JAN (R)	204.25	13.15	217.40	1,494.65	135.55	24.25	159.80	212.40	14.75	227.15	8.15	1.60	9.75
FEB (P)	200.60	30.80	231.40	1,522.85	169.40	33.80	203.20	208.65	31.30	239.95	8.05	0.50	8.55
TOTALS	404.85	43.95	448.80		304.95	58.05	363.00	421.05	46.05	467.10	16.20	2.10	18.30

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

February 1992

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	1,549.20	344.75	1,893.95	1,186.15	1,595.35	276.45	1,871.80	1,642.65	365.95	2,008.60	93.45	21.20	114.65
1992													
JAN (R)	153.40	5.15	158.55	1,238.45	97.50	8.75	106.25	158.90	6.70	165.60	5.50	1.55	7.05
FEB (P)	157.25	19.85	177.10	1,272.75	122.95	19.85	142.80	163.65	20.30	183.95	6.40	0.45	6.85
TOTALS	310.65	25.00	335.65		220.45	28.60	249.05	322.55	27.00	349.55	11.90	2.00	13.90

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	546.35	201.80	748.15	250.90	624.60	177.05	801.65	558.80	205.90	764.70	12.45	4.10	16.55
1992													
JAN (R)	50.85	8.00	58.85	256.20	38.05	15.50	53.55	53.50	8.05	61.55	2.65	0.05	2.70
FEB (P)	43.35	10.95	54.30	250.10	46.45	13.95	60.40	45.00	11.00	56.00	1.65	0.05	1.70
TOTALS	94.20	18.95	113.15		84.50	29.45	113.95	98.50	19.05	117.55	4.30	0.10	4.40

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

A 3179-1A

NEWS

AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association

Contact:
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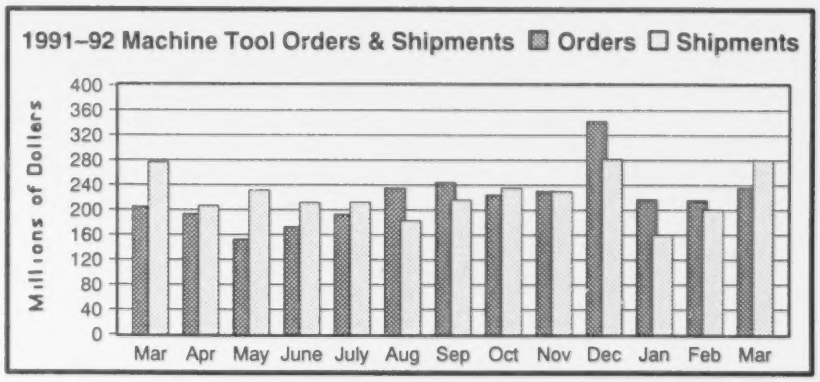
Patrick McGibbon, Director–Statistical, 703–827–5255

FOR RELEASE: April 27, 1992

First quarter machine tool orders show best start since 1989

March 1992 machine tool orders totaled $236.35 million, up 9.3% compared to February's $216.25 million, according to figures released today by AMT – The Association For Manufacturing Technology. Compared to March 1991 orders were up 15.0%. Year–to–date machine tool orders totaled $670.00 million, 3.0% above the total for the same period in 1991, and the best first quarter total since 1989.

March 1992 machine tool shipments reached $280.75 million, up 39.7% compared to February's $201.00 million, and up 1.4% compared to March last year. At $641.55 million, first quarter 1992 shipments were off 3.0% compared to the first quarter of 1991.



Albert W. Moore, AMT president, said, "We're off to a good start. First quarter machine tool orders are the best since 1989. Domestic orders are up. If interest rates remain low and economic trends continue to improve, we could see higher machine tool demand from manufacturers more confident about their future."

"But," he continued, "we're by no means out of the woods yet, since most international markets have begun to slow, particularly in Germany and Japan."

(more)

Metal Cutting

March 1992 metal cutting orders totaled $176.95 million, up 10.9% compared to February. Compared to March a year ago, metal cutting orders were up 15.2%. Compared to 1991, year–to–date metal cutting orders were up 5.4%.

At $209.70 million, March metal cutting shipments were up 49.5% for the month. Compared to March a year ago, shipments were up 20.6%. Year–to–date metal cutting shipments were up 9.2%.

Metal Forming

Metal forming machine tool orders in March totaled $59.40 million, up 4.9% compared to February, and up 14.5% compared to March 1991. Year–to–date metal forming orders were down 3.2%.

At $71.05 million, March metal forming shipments were up 17.0% compared to February. Compared to March 1991, shipments were down 31.0%. Year–to–date metal forming shipments were down 24.0%.

Backlog

The machine tool order backlog for March 1992 was $1,465.50 million, down from February's $1,509.90 million. The March 1991 backlog was $1,457.30 million.

# # #

Editors: The format of the attached Comparison Chart was revised last month. Please be sure that you are using the correct data. No other data table pages have been revised.

COMPARISON CHART

AMT INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

March 1992

	Mar 92	Previous Month	% Change	Year Ago Month	% Change	YTD 92	YTD 91	% Change YTD
NET NEW ORDERS								
(Domestic & Export)								
Metal Cutting	176.95	159.60	*10.9*	153.55	*15.2*	495.10	469.85	*5.4*
Metal Forming	59.40	56.65	*4.9*	51.90	*14.5*	174.90	180.60	*–3.2*
Total Orders	**236.35**	**216.25**	***9.3***	**205.45**	***15.0***	**670.00**	**650.45**	***3.0***
(Exports Only)								
Metal Cutting	19.10	18.95	*0.8*	26.35	*–27.5*	43.20	121.65	*–64.5*
Metal Forming	11.75	11.30	*4.0*	20.45	*–42.5*	31.05	38.05	*–18.4*
Total Export Orders	**30.85**	**30.25**	***2.0***	**46.80**	***–34.1***	**74.25**	**159.70**	***–53.5***
SHIPMENTS								
(Domestic & Export)								
Metal Cutting	209.70	140.25	*49.5*	173.85	*20.6*	456.20	417.80	*9.2*
Metal Forming	71.05	60.75	*17.0*	103.00	*–31.0*	185.35	243.75	*–24.0*
Total Shipments	**280.75**	**201.00**	***39.7***	**276.85**	***1.4***	**641.55**	**661.55**	***–3.0***
(Exports Only)								
Metal Cutting	29.40	18.45	*59.3*	25.10	*17.1*	56.60	66.35	*–14.7*
Metal Forming	18.75	14.15	*32.5*	16.95	*10.6*	48.40	37.90	*27.7*
Total Export Shipments	**48.15**	**32.60**	***47.7***	**42.05**	***14.5***	**105.00**	**104.25**	***0.7***

Source: AMT – The Association For Manufacturing Technology

AMT INDUSTRY ESTIMATES

March 1992

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS			Order Backlog	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Export	Total		Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	2,095.55	546.55	2,642.10	1,437.05	2,219.95	453.50	2,673.45	2,201.45	571.85	2,773.30	105.90	25.30	131.20
1992													
JAN	204.25	13.15	217.40	1,494.65	135.55	24.25	159.80	212.40	14.75	227.15	8.15	1.60	9.75
FEB (R)	186.00	30.25	216.25	1,509.90	168.40	32.60	201.00	207.70	31.95	239.65	21.70	1.70	23.40
MAR (P)	205.50	30.85	236.35	1,465.50	232.60	48.15	280.75	223.35	30.95	254.30	17.85	0.10	17.95
TOTALS	595.75	74.25	670.00		536.55	105.00	641.55	643.45	77.65	721.10	47.70	3.40	51.10

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

March 1992

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS Domestic	Export	Total	Order Backlog	SHIPMENTS Domestic	Export	Total	GROSS NEW ORDERS Domestic	Export	Total	CANCELLATIONS Domestic	Export	Total
1991	1,549.20	344.75	1,893.95	1,186.15	1,595.35	276.45	1,871.80	1,642.65	365.95	2,008.60	93.45	21.20	114.65
1992													
JAN	153.40	5.15	158.55	1,238.45	97.50	8.75	106.25	158.90	6.70	165.60	5.50	1.55	7.05
FEB (R)	140.65	18.95	159.60	1,257.80	121.80	18.45	140.25	160.70	20.60	181.30	20.05	1.65	21.70
MAR (P)	157.85	19.10	176.95	1,225.05	180.30	29.40	209.70	174.20	19.15	193.35	16.35	0.05	16.40
TOTALS	451.90	43.20	495.10		399.60	56.60	456.20	493.80	46.45	540.25	41.90	3.25	45.15

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS Domestic	Export	Total	Order Backlog	SHIPMENTS Domestic	Export	Total	GROSS NEW ORDERS Domestic	Export	Total	CANCELLATIONS Domestic	Export	Total
1991	546.35	201.80	748.15	250.90	624.60	177.05	801.65	558.80	205.90	764.70	12.45	4.10	16.55
1992													
JAN	50.85	8.00	58.85	256.20	38.05	15.50	53.55	53.50	8.05	61.55	2.65	0.05	2.70
FEB (R)	45.35	11.30	56.65	252.10	46.60	14.15	60.75	47.00	11.35	58.35	1.65	0.05	1.70
MAR (P)	47.65	11.75	59.40	240.45	52.30	18.75	71.05	49.15	11.80	60.95	1.50	0.05	1.55
TOTALS	143.85	31.05	174.90		136.95	48.40	185.35	149.65	31.20	180.85	5.80	0.15	5.95

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS

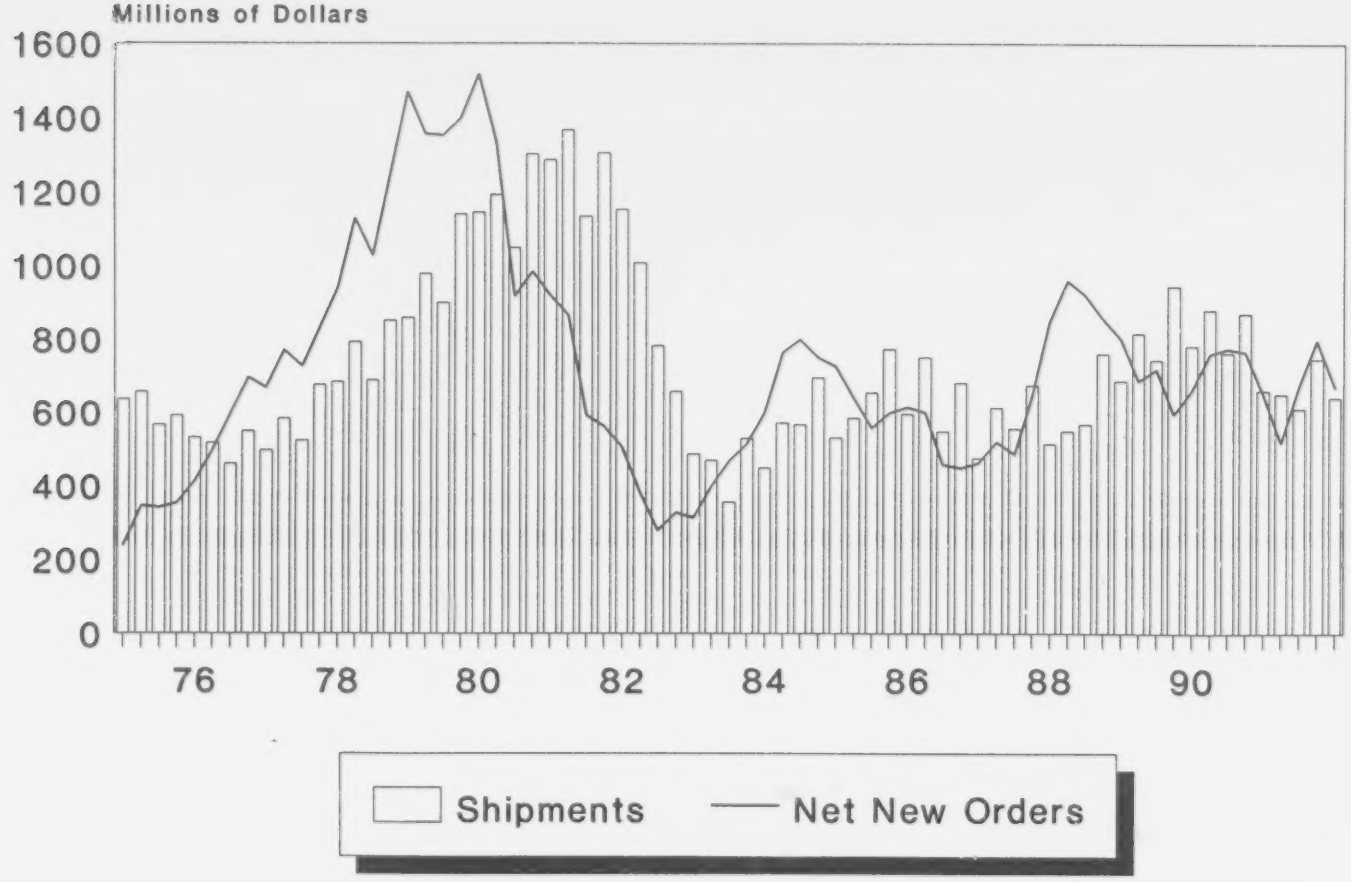
(Dollar Figures in Thousands)
1986 to Date

	Cutting and Forming			Cutting			Forming		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
4	680,850	76,650	449,300	515,300	51,400	302,050	165,550	25,250	147,250
Total	$2,578,500	$272,450	$2,125,300	$1,890,300	$205,600	$1,544,250	$ 688,200	$ 66,850	$ 581,050
1987-1	$ 476,800	$ 55,950	$ 463,700	$ 349,150	$ 38,050	$ 326,100	$ 127,650	$ 17,900	$ 137,600
2	614,100	71,300	521,150	442,600	46,300	339,300	171,500	25,000	181,850
3	556,650	66,300	487,850	397,750	43,350	324,550	158,900	22,950	163,300
4	676,100	93,350	646,100	487,000	49,950	461,500	189,100	43,400	184,600
Total	$2,323,650	$286,900	$2,118,800	$1,676,500	$177,650	$1,451,450	$ 647,150	$ 109,250	$ 667,350
1988-1	$ 516,500	$ 60,000	$ 850,000	$ 317,850	$ 35,300	$ 666,250	$ 198,650	$ 24,700	$ 183,750
2	551,150	74,400	960,500	339,350	40,900	676,500	211,800	33,500	284,000
3	569,200	66,350	922,650	391,300	38,650	715,000	177,900	27,700	207,650
4	762,250	96,050	857,700	526,050	59,600	650,150	236,200	36,450	207,550
Total	$2,399,100	$296,800	$3,590,850	$1,574,550	$174,450	$2,707,900	$ 824,550	$ 122,350	$ 882,950
1989-1	$ 687,650	$ 81,400	$ 803,300	$ 481,550	$ 50,900	$ 602,550	$ 206,100	$ 30,500	$ 200,750
2	817,850	101,150	688,500	578,150	64,450	459,550	239,700	36,700	228,950
3	745,500	109,350	720,450	574,000	82,600	481,900	171,500	26,750	238,550
4	944,600	140,350	595,700	724,900	101,450	432,350	219,700	38,900	163,350
Total	$3,195,600	$432,250	$2,807,950	$2,358,600	$299,400	$1,976,350	$ 837,000	$ 132,850	$ 831,600
1990-1	$ 783,250	$104,650	$ 661,700	$ 545,850	$ 79,050	$ 455,650	$ 237,400	$ 25,600	$ 206,050
2	881,300	108,700	760,950	638,800	84,750	533,050	242,500	23,950	227,900
3	763,650	92,550	775,400	507,500	59,350	584,450	256,150	33,200	190,950
4	871,700	138,450	766,650	637,450	102,000	497,150	234,250	36,450	269,500
Total	$3,299,900	$444,350	$2,964,700	$2,329,600	$325,150	$2,070,300	$ 970,300	$ 119,200	$ 894,400
1991-1	$ 661,550	$104,250	$ 650,450	$ 417,800	$ 66,350	$ 469,850	$ 243,750	$ 37,900	$ 180,600
2	651,050	124,150	519,600	461,800	73,700	377,000	189,250	50,450	142,600
3	612,850	110,950	673,800	453,550	53,450	446,050	159,300	57,500	227,750
4	748,000	114,150	798,250	538,650	82,950	601,050	209,350	31,200	197,200
Total	$2,673,450	$453,500	$2,642,100	$1,871,800	$276,450	$1,893,950	$ 801,650	$ 177,050	$ 748,150
1992-1P	$ 641,550	$105,000	$ 670,000	$ 456,200	$ 56,600	$ 495,100	$ 185,350	$ 48,400	$ 174,900

P - Preliminary
Source: AMT - The Association For Manufacturing Technology

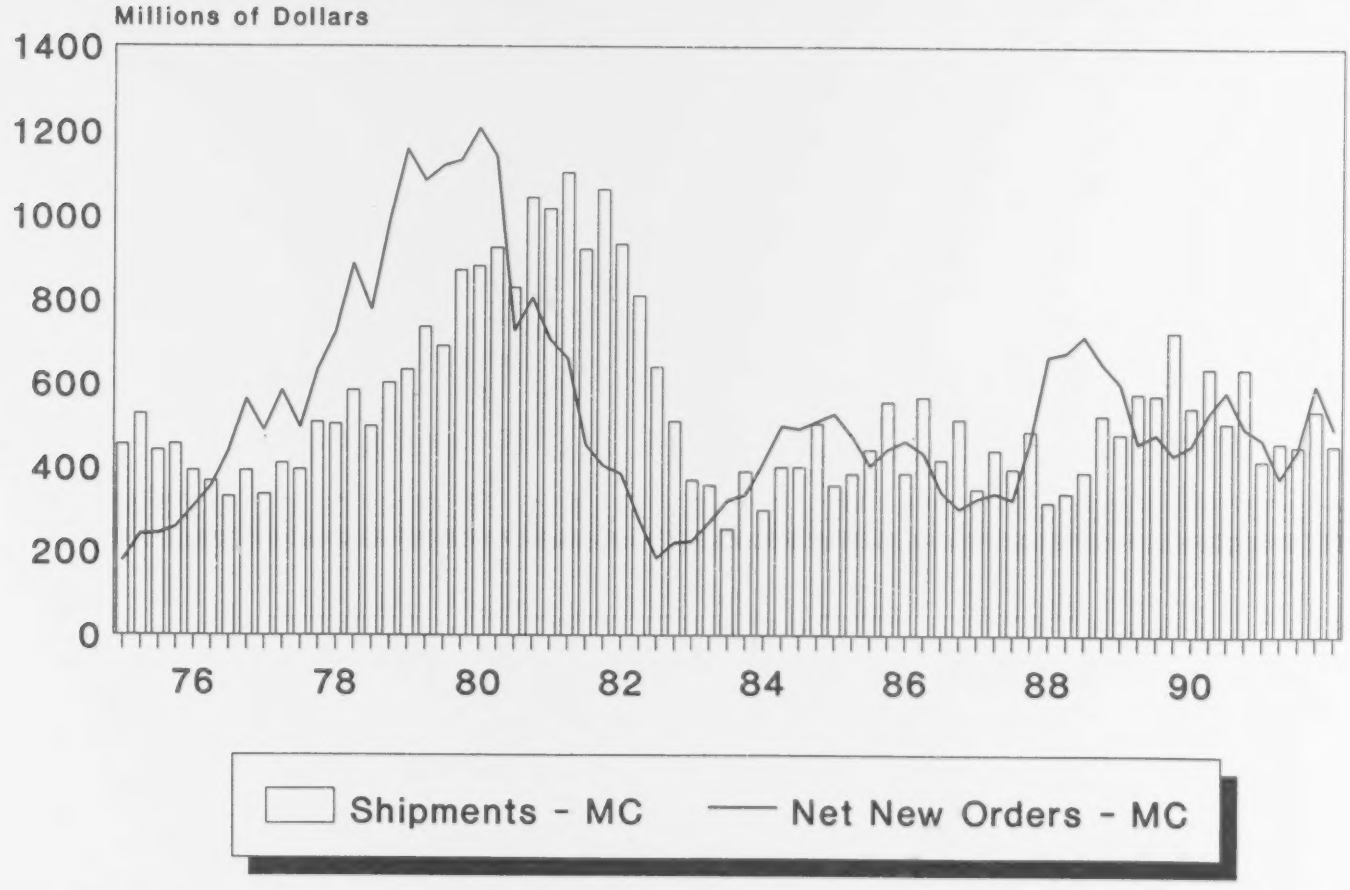
April 27, 1992

Total Machine Tools
Shipments and Net New Orders, Quarterly



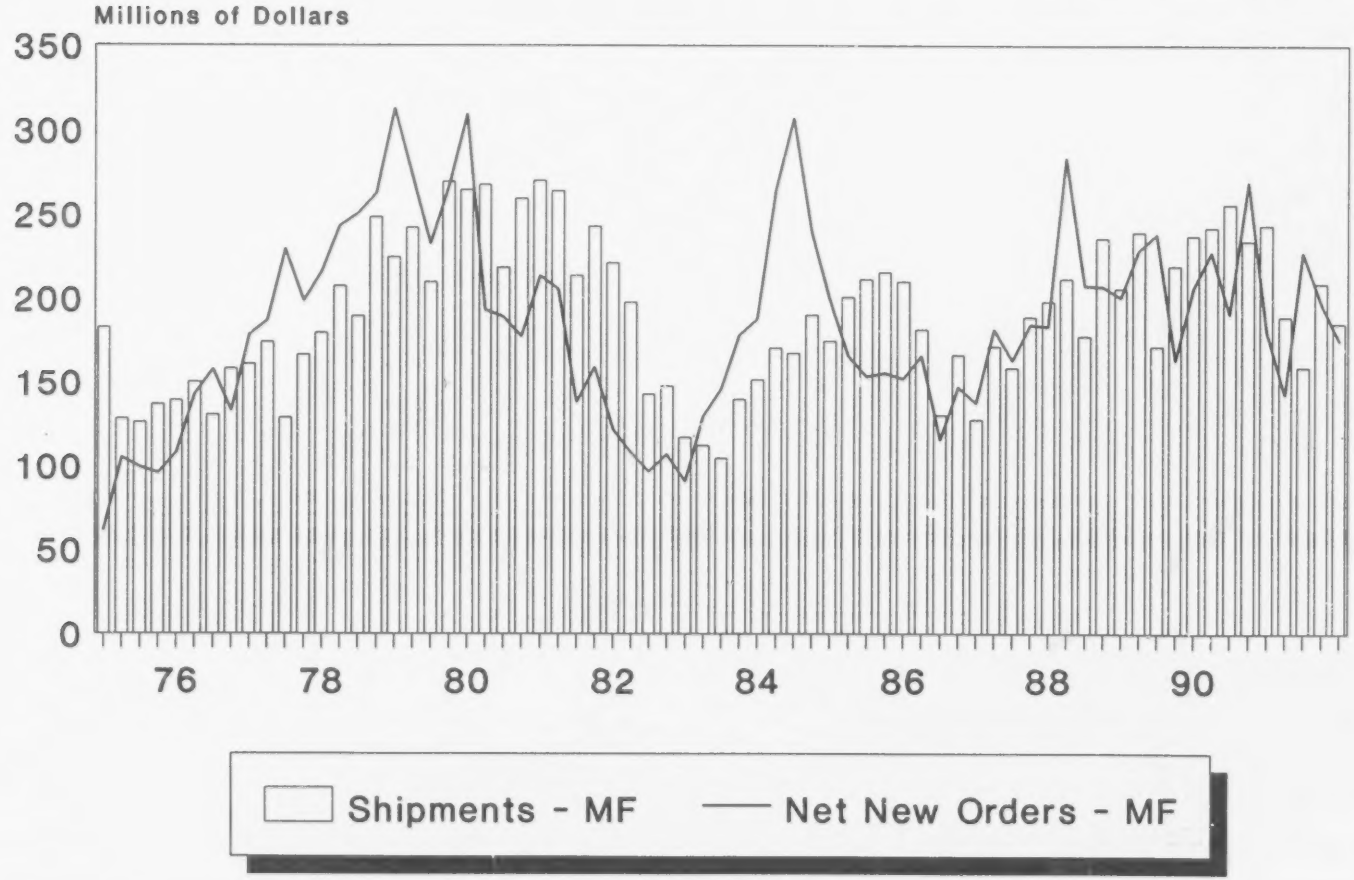
Compiled by AMT

Metal Cutting Machine Tools
Shipments and Net New Orders, Quarterly



Compiled by AMT

Metal Forming Machine Tools
Shipments and Net New Orders, Quarterly



Compiled by AMT

A3179-1A

NEWS

AMT
The Association For Manufacturing Technology

Founded 1902 as National Machine Tool Builders' Association

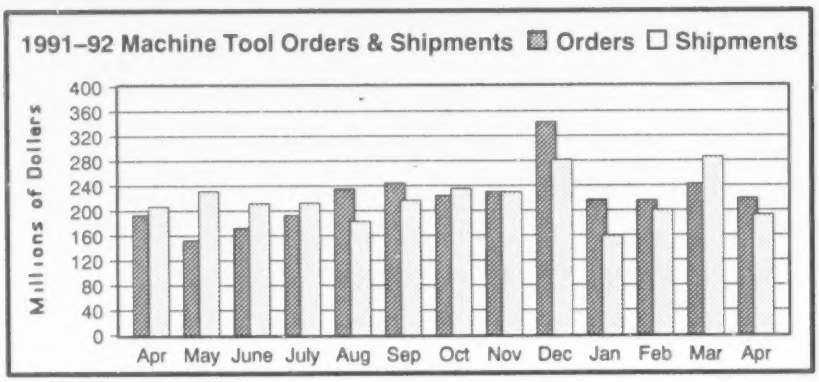
Contact:
Charles Pollock, VP, Communications, 703–827–5206
Patrick McGibbon, Director–Statistical, 703–827–5255

FOR RELEASE: May 25, 1992

Machine tool orders down in April

April 1992 machine tool orders totaled $219.95 million, down 9.4% from March's $242.80 million, according to figures released today by AMT – The Association For Manufacturing Technology. At $896.40 million, year–to–date 1992 orders are running 6.2% ahead of 1991. Compared to April a year ago, April 1992 orders were up 13.6%

Machine tool shipments in April stood at $193.05 million, 32.6% below March shipments of $286.50 million. Year–to–date 1992 shipments of $840.35 million through April were down 3.3% compared to 1991. Comparing April 1992 to April 1991, total shipments were down 6.8%.



Albert W. Moore, AMT president said, "In the last year to year and a half, export orders have offset declines in domestic orders. Now, export orders are down, reflecting the economic distress our trade partners are experiencing. This reversal in export and domestic order trends emphasizes the importance of a balanced and global marketing program. Some European governments are taking action to bolster their domestic machine tool industries. The U.K.'s machine tool industry has asked the government to implement 100% depreciation for machine tools in the first year of use. The Italian government, after a 25% decline in orders in 1991, has stepped in to provide export assistance to its machine

(more)

tool industry. We expect there will be more competition for the U.S. market in the coming months, as foreign builders look to offset domestic declines with exports to the U.S."

Metal Cutting

April metal cutting orders totaled $157.85 million, 13.9% less than in March. Year–to–date metal cutting orders were up 8.8% compared to 1991. Comparing April 1992 to April 1991, orders were up 15.7%.

At $156.45 million, April metal cutting shipments were down 27.4% for the month. Year–to–date metal cutting shipments were up 9.8% compared to 1991. Comparing April 1992 to the same month last year, metal cutting shipments were up 7.6%.

Metal Forming

Metal forming machine tool orders for April totaled $62.10 million, up 4.5% for the month. Year–to–date metal forming orders are almost level with 1991, off a scant 0.4%. April 1992 metal forming orders were 8.5% above the total for the same month in 1991.

At $36.60 million, April metal forming shipments were down 48.5% compared to March. Year–to–date metal forming shipments were off 27.3% compared to 1991. Comparing April 1992 to April 1991, shipments were down 40.7%.

Backlog

The machine tool order backlog for April 1992 was $1,493.10 million, up from the March 1992 backlog of $1,466.20 million. The April 1991 backlog was $1,443.95 million.

# # #

COMPARISON CHART

AMT INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

April 1992

	Apr 92 (P)	Previous Month (R)	% Change	Year Ago Month	% Change	YTD 92	YTD 91	% Change YTD
NET NEW ORDERS								
(Domestic & Export)								
Metal Cutting	157.85	183.40	*–13.9*	136.45	*15.7*	659.40	606.30	*8.8*
Metal Forming	62.10	59.40	*4.5*	57.35	*8.5*	237.00	237.85	*–0.4*
Total Orders	**219.95**	**242.80**	***–9.4***	**193.70**	***13.6***	**896.40**	**844.15**	***6.2***
(Exports Only)								
Metal Cutting	23.70	20.20	*17.3*	26.50	*–10.6*	68.00	148.15	*–54.1*
Metal Forming	5.30	11.75	*–54.9*	19.95	*–73.4*	36.35	58.00	*–37.3*
Total Export Orders	**29.00**	**31.95**	***–9.2***	**46.45**	***–37.6***	**104.35**	**206.15**	***–49.4***
SHIPMENTS								
(Domestic & Export)								
Metal Cutting	156.45	215.45	*–27.4*	145.35	*7.6*	618.40	563.15	*9.8*
Metal Forming	36.60	71.05	*–48.5*	61.70	*–40.7*	221.95	305.45	*–27.3*
Total Shipments	**193.05**	**286.50**	***–32.6***	**207.05**	***–6.8***	**840.35**	**868.60**	***–3.3***
(Exports Only)								
Metal Cutting	25.95	29.75	*–12.8*	18.80	*38.0*	82.90	85.15	*–2.6*
Metal Forming	3.90	18.75	*–79.2*	14.65	*–73.4*	52.30	52.55	*–0.5*
Total Export Shipments	**29.85**	**48.50**	***–38.5***	**33.45**	***–10.8***	**135.20**	**137.70**	***–1.8***

P – preliminary R – revised

Source: AMT – The Association For Manufacturing Technology

AMT INDUSTRY ESTIMATES

April 1992

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	2,095.55	546.55	2,642.10	1,437.05	2,219.95	453.50	2,673.45	2,201.45	571.85	2,773.30	105.90	25.30	131.20
1992													
JAN	204.25	13.15	217.40	1,494.65	135.55	24.25	159.80	212.40	14.75	227.15	8.15	1.60	9.75
FEB	186.00	30.25	216.25	1,509.90	168.40	32.60	201.00	207.70	31.95	239.65	21.70	1.70	23.40
MAR (R)	210.85	31.95	242.80	1,466.20	238.00	48.50	286.50	228.70	32.10	260.80	17.85	0.15	18.00
APR (P)	190.95	29.00	219.95	1,493.10	163.20	29.85	193.05	197.05	29.35	226.40	6.10	0.35	6.45
TOTALS	792.05	104.35	896.40		705.15	135.20	840.35	845.85	108.15	954.00	53.80	3.80	57.60

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

April 1992

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	1,549.20	344.75	1,893.95	1,186.15	1,595.35	276.45	1,871.80	1,642.65	365.95	2,008.60	93.45	21.20	114.65
1992													
JAN	153.40	5.15	158.55	1,238.45	97.50	8.75	106.25	158.90	6.70	165.60	5.50	1.55	7.05
FEB	140.65	18.95	159.60	1,257.80	121.80	18.45	140.25	160.70	20.60	181.30	20.05	1.65	21.70
MAR (R)	163.20	20.20	183.40	1,225.75	185.70	29.75	215.45	179.55	20.30	199.85	16.35	0.10	16.45
APR (P)	134.15	23.70	157.85	1,227.15	130.50	25.95	156.45	139.20	24.00	163.20	5.05	0.30	5.35
TOTALS	591.40	68.00	659.40		535.50	82.90	618.40	638.35	71.60	709.95	46.95	3.60	50.55

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	546.35	201.80	748.15	250.90	624.60	177.05	801.65	558.80	205.90	764.70	12.45	4.10	16.55
1992													
JAN	50.85	8.00	58.85	256.20	38.05	15.50	53.55	53.50	8.05	61.55	2.65	0.05	2.70
FEB	45.35	11.30	56.65	252.10	46.60	14.15	60.75	47.00	11.35	58.35	1.65	0.05	1.70
MAR	47.65	11.75	59.40	240.45	52.30	18.75	71.05	49.15	11.80	60.95	1.50	0.05	1.55
APR (P)	56.80	5.30	62.10	265.95	32.70	3.90	36.60	57.85	5.35	63.20	1.05	0.05	1.10
TOTALS	200.65	36.35	237.00		169.65	52.30	221.95	207.50	36.55	244.05	6.85	0.20	7.05

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

A3179-1A

NEWS

AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association

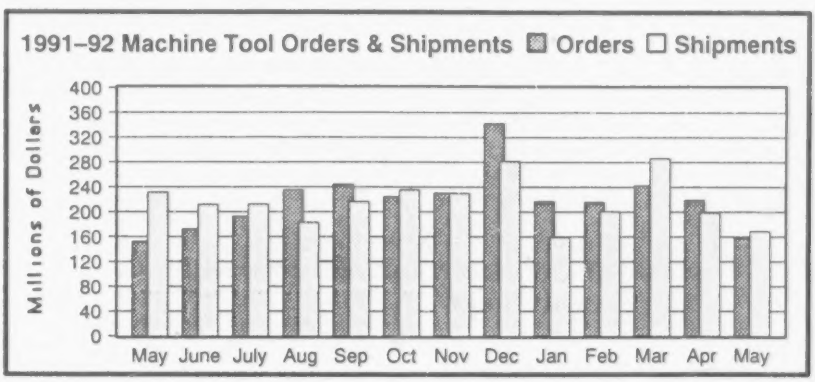
Contact:
Charles Pollock, VP, Communications, 703-827-5206
Patrick McGibbon, Director-Statistical, 703-827-5255

FOR RELEASE: June 29, 1992

Machine tool orders remain above year-ago pace

At $1,055.05 million, year-to-date machine tool orders were up 5.8% compared to the same period in 1991, according to figures released today by AMT – The Association For Manufacturing Technology. Compared to May 1991, May 1992 orders were up 4.0%. However, at $159.10 million, May 1992 machine tool orders were down 27.5% compared to April's $219.50 million.

May machine tool shipments were $169.40 million, a drop of 15.0% compared to April's $199.30 million. Year-to-date 1992 shipments totaled $1,016.00 million, down 7.7% compared to 1991. Comparing May 1992 to May1991, total shipments were down 26.9%.



Albert W. Moore, AMT president noted that, "May has been a low order month in the past three years. However, many key trends seem to point to an improving picture over the last half of the year. Corporate profits and cash flow improved during the first quarter; while capacity utilization has been moving upward over the last few months. Profit and capacity figures are normally considered key indicators of machine tool orders."

(more)

Metal Cutting

Metal cutting orders in May stood at $109.30 million, down 30.80% from April. Year–to–date metal cutting orders were up 7.4% compared to 1991. May 1992 metal cutting orders were down 0.3% compared to the same month a year ago.

At $124.30 million, May metal cutting shipments were down 20.5% for the month. Year–to–date shipments were up 0.8% compared to 1991. Compared to May a year ago, May 1992 shipments were down 28.5%.

Metal Forming

At $49.80 million, May metal forming machine tool orders were off 19.0% compared to April. Year–to–date metal forming orders are up 1.8% compared to 1991. In 1992, May metal forming orders were 14.7% higher than in May 1991.

May metal forming shipments were $45.10 million, up 5.3% for the month. Year–to–date metal forming shipments were off 24.8% compared to 1991. Comparing May 1992 to May 1991, shipments were down 22.2%.

Backlog

The machine tool order backlog for May 1992 was $1,476.10 million, down from April's backlog of $1,486.40 million. The May 1991 bačklog was $1,365.10 million.

# # #

COMPARISON CHART

AMT INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

May 1992

	May 92 (P)	Previous Month (R)	% Change	Year Ago Month	% Change	YTD 92	YTD 91	% Change YTD
NET NEW ORDERS								
(Domestic & Export)								
Metal Cutting	109.30	158.00	*–30.80*	109.60	*–0.3*	768.85	715.90	*7.4*
Metal Forming	49.80	61.50	*–19.00*	43.40	*14.7*	286.20	281.25	*1.8*
Total Orders	**159.10**	**219.50**	***–27.5***	**153.00**	***4.0***	**1,055.05**	**997.15**	***5.8***
(Exports Only)								
Metal Cutting	12.85	23.75	*–45.9*	13.15	*–2.3*	80.90	161.30	*–49.8*
Metal Forming	12.20	5.45	*123.9*	8.35	*46.1*	48.70	66.35	*–26.6*
Total Export Orders	**25.05**	**29.20**	***–14.2***	**21.50**	***16.5***	**129.60**	**227.65**	***–43.1***
SHIPMENTS								
(Domestic & Export)								
Metal Cutting	124.30	156.45	*–20.5*	173.85	*–28.5*	742.70	737.00	*0.8*
Metal Forming	45.10	42.85	*5.3*	58.00	*–22.2*	273.30	363.45	*–24.8*
Total Shipments	**169.40**	**199.30**	***–15.0***	**231.85**	***–26.9***	**1,016.00**	**1,100.45**	***–7.7***
(Exports Only)								
Metal Cutting	24.10	25.95	*–7.1*	16.60	*45.2*	107.00	101.75	*5.2*
Metal Forming	11.70	8.20	*42.7*	13.40	*–12.7*	68.30	65.95	*3.6*
Total Export Shipments	**35.80**	**34.15**	***4.8***	**30.00**	***19.3***	**175.30**	**167.70**	***4.5***

P – preliminary R – revised

Source: AMT – The Association For Manufacturing Technology

AMT INDUSTRY ESTIMATES

May 1992

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	2,095.55	546.55	2,642.10	1,437.05	2,219.95	453.50	2,673.45	2,201.45	571.85	2,773.30	105.90	25.30	131.20
1992													
JAN	204.25	13.15	217.40	1,494.65	135.55	24.25	159.80	212.40	14.75	227.15	8.15	1.60	9.75
FEB	186.00	30.25	216.25	1,509.90	168.40	32.60	201.00	207.70	31.95	239.65	21.70	1.70	23.40
MAR	210.85	31.95	242.80	1,466.20	238.00	48.50	286.50	228.70	32.10	260.80	17.85	0.15	18.00
APR (R)	190.30	29.20	219.50	1,486.40	165.15	34.15	199.30	196.40	30.80	227.20	6.10	1.60	7.70
MAY (P)	134.05	25.05	159.10	1,476.10	133.60	35.80	169.40	144.05	26.90	170.95	10.00	1.85	11.85
TOTALS	925.45	129.60	1,055.05		840.70	175.30	1,016.00	989.25	136.50	1,125.75	63.80	6.90	70.70

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

May 1992

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS			Order Backlog	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Export	Total		Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	1,549.20	344.75	1,893.95	1,186.15	1,595.35	276.45	1,871.80	1,642.65	365.95	2,008.60	93.45	21.20	114.65
1992													
JAN	153.40	5.15	158.55	1,238.45	97.50	8.75	106.25	158.90	6.70	165.60	5.50	1.55	7.05
FEB	140.65	18.95	159.60	1,257.80	121.80	18.45	140.25	160.70	20.60	181.30	20.05	1.65	21.70
MAR	163.20	20.20	183.40	1,225.75	185.70	29.75	215.45	179.55	20.30	199.85	16.35	0.10	16.45
APR (R)	134.25	23.75	158.00	1,227.30	130.50	25.95	156.45	139.30	24.05	163.35	5.05	0.30	5.35
MAY (P)	96.45	12.85	109.30	1,212.30	100.20	24.10	124.30	106.15	14.65	120.80	9.70	1.80	11.50
TOTALS	687.95	80.90	768.85		635.70	107.00	742.70	744.60	86.30	830.90	56.65	5.40	62.05

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS			Order Backlog	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Export	Total		Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	546.35	201.80	748.15	250.90	624.60	177.05	801.65	558.80	205.90	764.70	12.45	4.10	16.55
1992													
JAN	50.85	8.00	58.85	256.20	38.05	15.50	53.55	53.50	8.05	61.55	2.65	0.05	2.70
FEB	45.35	11.30	56.65	252.10	46.60	14.15	60.75	47.00	11.35	58.35	1.65	0.05	1.70
MAR	47.65	11.75	59.40	240.45	52.30	18.75	71.05	49.15	11.80	60.95	1.50	0.05	1.55
APR (R)	56.05	5.45	61.50	259.10	34.65	8.20	42.85	57.10	6.75	63.85	1.05	1.30	2.35
MAY (P)	37.60	12.20	49.80	263.80	33.40	11.70	45.10	37.90	12.25	50.15	0.30	0.05	0.35
TOTALS	237.50	48.70	286.20		205.00	68.30	273.30	244.65	50.20	294.85	7.15	1.50	8.65

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

A3179-1A

NEWS

AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association

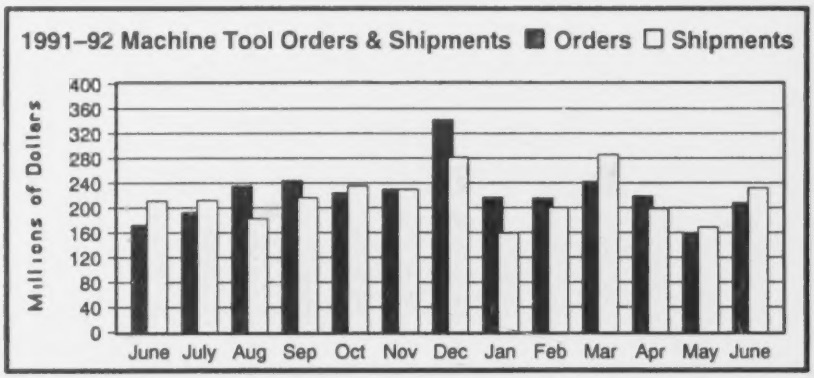
Contact:
Charles Pollock, VP, Communications, 703–827–5206
Patrick McGibbon, Director–Statistical, 703–827–5255

FOR RELEASE: July 27, 1992

Machine tool orders and shipments up

June machine tool orders totaled $208.60 million dollars, up 31.1% from May's $159.15 million, according to figures released today by AMT – The Association For Manufacturing Technology. At $1,263.70 million, year–to–date 1992 machine tool orders are running 8.0% ahead of 1991 at the same time. Compared to June 1991, June 1992 orders were up 20.6%.

At $232.50 million, June machine tool shipments are up 37.2% compared to May's $169.50 million. Year–to–date 1992 machine tool shipments through June stand at $1,248.60 million, 4.9% below the comparable figure for 1991. Comparing June 1992 to June 1991, total shipments were up 9.6%.



AMT President Albert W. Moore said, "The upturn in machine tool orders thus far this year is fueled entirely by domestic demand. Domestic machine tool demand is unusually strong given the economy is really not in a full–blown recovery. Export orders, which have mirrored the general trade figures, continue to fall due to unfavorable economic factors abroad."

(more)

Metal Cutting

June metal cutting machine tool orders totaled $142.75 million, up 30.5% from May. Year–to–date metal cutting orders were up 7.7% compared to 1991. Comparing June 1992 to June a year ago, metal cutting orders were up 9.0%

At $154.40 million, June metal cutting shipments were up 24.1% for the month. Year–to–date metal cutting shipments were up 2.0% compared to 1991. June 1992 shipments were up 8.3% compared to June 1991.

Metal Forming

At $65.85 million, June metal forming orders were up 32.2% compared to May. Year–to–date metal forming orders were up 8.9% compared to 1991. Compared to June 1991, June 1992 metal forming orders were up 57.0%.

June metal forming shipments were $78.10 million, up 73.2% for the month. Year–to–date metal forming shipments were off 18.8% compared to 1991. In June 1992, metal forming shipments were 12.3% above the total for June 1991.

Backlog

The machine tool order backlog for June 1992 was $1,452.15 million, down from May's backlog of $1,476.05 million. The June 1991 backlog was $1,325.85 million.

# # #

COMPARISON CHART

AMT INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

June 1992

	June 92 (P)	Previous Month (R)	% Change	Year Ago Month	% Change	YTD 92	YTD 91	% Change YTD
NET NEW ORDERS								
(Domestic & Export)								
Metal Cutting	142.75	109.35	*30.5*	130.95	*9.0*	911.65	846.85	*7.7*
Metal Forming	65.85	49.80	*32.2*	41.95	*57.0*	352.05	323.20	*8.9*
Total Orders	**208.60**	**159.15**	***31.1***	**172.90**	***20.6***	**1263.70**	**1170.05**	***8.0***
(Exports Only)								
Metal Cutting	19.30	12.85	*50.2*	43.25	*–55.4*	100.20	204.55	*–51.0*
Metal Forming	15.75	12.20	*29.1*	16.90	*–6.8*	64.45	83.25	*–22.6*
Total Export Orders	**35.05**	**25.05**	***39.9***	**60.15**	***–41.7***	**164.65**	**287.80**	***–42.8***
SHIPMENTS								
(Domestic & Export)								
Metal Cutting	154.40	124.40	*24.1*	142.60	*8.3*	897.20	879.60	*2.0*
Metal Forming	78.10	45.10	*73.2*	69.55	*12.3*	351.40	433.00	*–18.8*
Total Shipments	**232.50**	**169.50**	***37.2***	**212.15**	***9.6***	**1248.60**	**1312.60**	***–4.9***
(Exports Only)								
Metal Cutting	19.40	24.10	*–19.5*	38.30	*–49.3*	126.40	140.05	*–9.7*
Metal Forming	15.50	11.70	*32.5*	22.40	*–30.8*	83.80	88.35	*–5.1*
Total Export Shipments	**34.90**	**35.80**	***–2.5***	**60.70**	***–42.5***	**210.20**	**228.40**	***–8.0***

P – preliminary R – revised

Source: AMT – The Association For Manufacturing Technology

AMT INDUSTRY ESTIMATES

June 1992

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	2,095.55	546.55	2,642.10	1,437.05	2,219.95	453.50	2,673.45	2,201.45	571.85	2,773.30	105.90	25.30	131.20
1992													
JAN	204.25	13.15	217.40	1,494.65	135.55	24.25	159.80	212.40	14.75	227.15	8.15	1.60	9.75
FEB	186.00	30.25	216.25	1,509.90	168.40	32.60	201.00	207.70	31.95	239.65	21.70	1.70	23.40
MAR	210.85	31.95	242.80	1,466.20	238.00	48.50	286.50	228.70	32.10	260.80	17.85	0.15	18.00
APR	190.30	29.20	219.50	1,486.40	165.15	34.15	199.30	196.40	30.80	227.20	6.10	1.60	7.70
MAY (R)	134.10	25.05	159.15	1,476.05	133.70	35.80	169.50	144.95	26.90	171.85	10.85	1.85	12.70
JUN (P)	173.55	35.05	208.60	1,452.15	197.60	34.90	232.50	180.40	35.20	215.60	6.85	0.15	7.00
TOTALS	1,099.05	164.65	1,263.70		1,038.40	210.20	1,248.60	1,170.55	171.70	1,342.25	71.50	7.05	78.55

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

June 1992

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	1,549.20	344.75	1,893.95	1,186.15	1,595.35	276.45	1,871.80	1,642.65	365.95	2,008.60	93.45	21.20	114.65
1992													
JAN	153.40	5.15	158.55	1,238.45	97.50	8.75	106.25	158.90	6.70	165.60	5.50	1.55	7.05
FEB	140.65	18.95	159.60	1,257.80	121.80	18.45	140.25	160.70	20.60	181.30	20.05	1.65	21.70
MAR	163.20	20.20	183.40	1,225.75	185.70	29.75	215.45	179.55	20.30	199.85	16.35	0.10	16.45
APR	134.25	23.75	158.00	1,227.30	130.50	25.95	156.45	139.30	24.05	163.35	5.05	0.30	5.35
MAY (R)	96.50	12.85	109.35	1,212.25	100.30	24.10	124.40	107.05	14.65	121.70	10.55	1.80	12.35
JUN (P)	123.45	19.30	142.75	1,200.60	135.00	19.40	154.40	129.05	19.40	148.45	5.60	0.10	5.70
TOTALS	811.45	100.20	911.65		770.80	126.40	897.20	874.55	105.70	980.25	63.10	5.50	68.60

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	546.35	201.80	748.15	250.90	624.60	177.05	801.65	558.80	205.90	764.70	12.45	4.10	16.55
1992													
JAN	50.85	8.00	58.85	256.20	38.05	15.50	53.55	53.50	8.05	61.55	2.65	0.05	2.70
FEB	45.35	11.30	56.65	252.10	46.60	14.15	60.75	47.00	11.35	58.35	1.65	0.05	1.70
MAR	47.65	11.75	59.40	240.45	52.30	18.75	71.05	49.15	11.80	60.95	1.50	0.05	1.55
APR	56.05	5.45	61.50	259.10	34.65	8.20	42.85	57.10	6.75	63.85	1.05	1.30	2.35
MAY (R)	37.60	12.20	49.80	263.80	33.40	11.70	45.10	37.90	12.25	50.15	0.30	0.05	0.35
JUN (P)	50.10	15.75	65.85	251.55	62.60	15.50	78.10	51.35	15.80	67.15	1.25	0.05	1.30
TOTALS	287.60	64.45	352.05		267.60	83.80	351.40	296.00	66.00	362.00	8.40	1.55	9.95

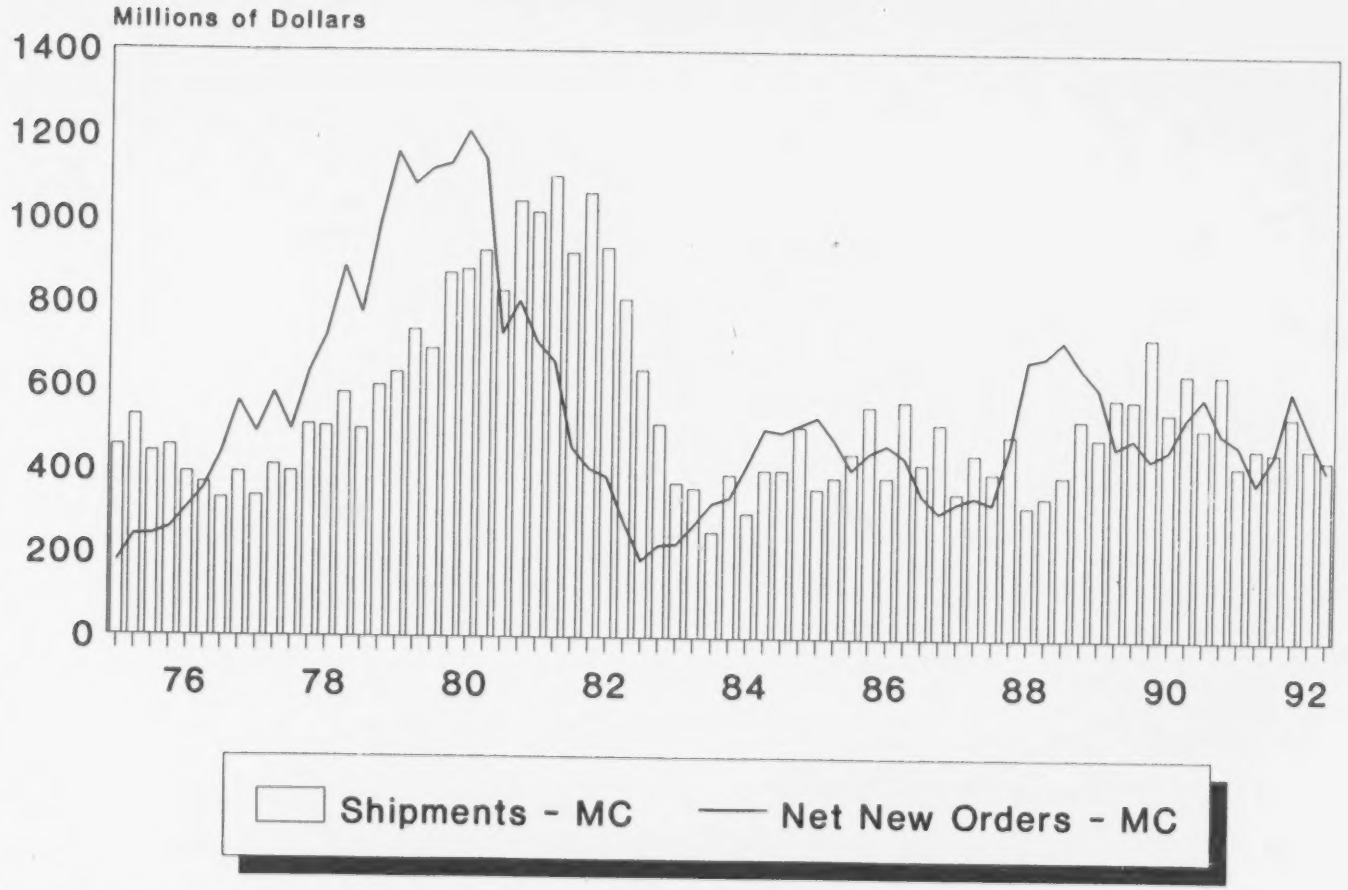
Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

Total Machine Tools
Shipments and Net New Orders, Quarterly

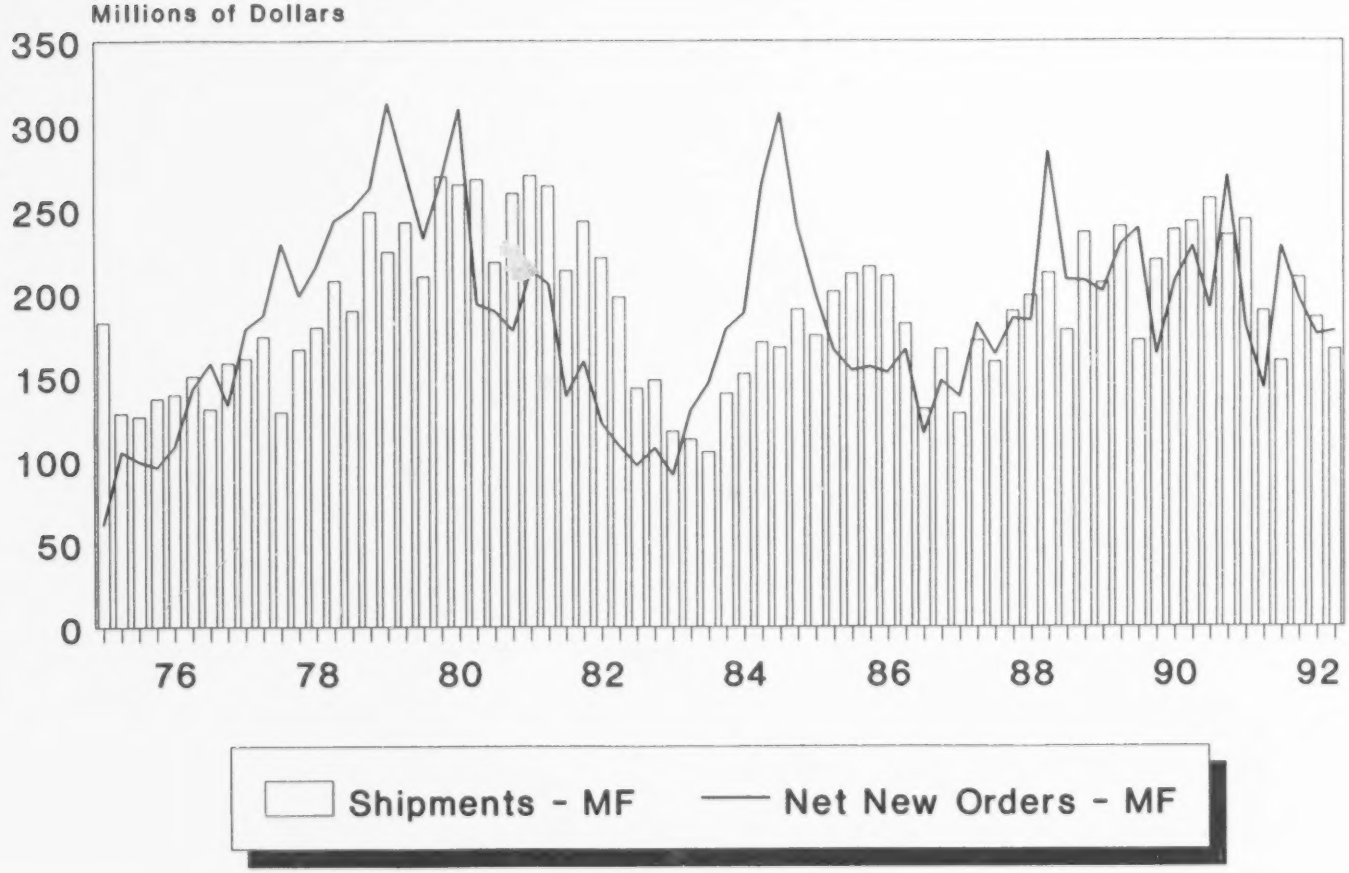
Compiled by AMT

Metal Cutting Machine Tools
Shipments and Net New Orders, Quarterly



Compiled by AMT

Metal Forming Machine Tools
Shipments and Net New Orders, Quarterly



Compiled by AMT

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS

(Dollar Figures in Thousands)
1986 to Date

DATE	Cutting and Forming SHIPMENTS Total	Cutting and Forming SHIPMENTS Foreign	Cutting and Forming NET NEW ORDERS	Cutting SHIPMENTS Total	Cutting SHIPMENTS Foreign	Cutting NET NEW ORDERS	Forming SHIPMENTS Total	Forming SHIPMENTS Foreign	Forming NET NEW ORDERS
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
4	680,850	76,650	449,300	515,300	51,400	302,050	165,550	25,250	147,250
Total	$2,578,500	$272,450	$2,125,300	$1,890,300	$205,600	$1,544,250	$ 688,200	$ 66,850	$ 581,050
1987-1	$ 476,800	$ 55,950	$ 463,700	$ 349,150	$ 38,050	$ 326,100	$ 127,650	$ 17,900	$ 137,600
2	614,100	71,300	521,150	442,600	46,300	339,300	171,500	25,000	181,850
3	556,650	66,300	487,850	397,750	43,350	324,550	158,900	22,950	163,300
4	676,100	93,350	646,100	487,000	49,950	461,500	189,100	43,400	184,600
Total	$2,323,650	$286,900	$2,118,800	$1,676,500	$177,650	$1,451,450	$ 647,150	$ 109,250	$ 667,350
1988-1	$ 516,500	$ 60,000	$ 850,000	$ 317,850	$ 35,300	$ 666,250	$ 198,650	$ 24,700	$ 183,750
2	551,150	74,400	960,500	339,350	40,900	676,500	211,800	33,500	284,000
3	569,200	66,350	922,650	391,300	38,650	715,000	177,900	27,700	207,650
4	762,250	96,050	857,700	526,050	59,600	650,150	236,200	36,450	207,550
Total	$2,399,100	$296,800	$3,590,850	$1,574,550	$174,450	$2,707,900	$ 824,550	$ 122,350	$ 882,950
1989-1	$ 687,650	$ 81,400	$ 803,300	$ 481,550	$ 50,900	$ 602,550	$ 206,100	$ 30,500	$ 200,750
2	817,850	101,150	688,500	578,150	64,450	459,550	239,700	36,700	228,950
3	745,500	109,350	720,450	574,000	82,600	481,900	171,500	26,750	238,550
4	944,600	140,350	595,700	724,900	101,450	432,350	219,700	38,900	163,350
Total	$3,195,600	$432,250	$2,807,950	$2,358,600	$299,400	$1,976,350	$ 837,000	$ 132,850	$ 831,600
1990-1	$ 783,250	$104,650	$ 661,700	$ 545,850	$ 79,050	$ 455,650	$ 237,400	$ 25,600	$ 206,050
2	881,300	108,700	760,950	638,800	84,750	533,050	242,500	23,950	227,900
3	763,650	92,550	775,400	507,500	59,350	584,450	256,150	33,200	190,950
4	871,700	138,450	766,650	637,450	102,000	497,150	234,250	36,450	269,500
Total	$3,299,900	$444,350	$2,964,700	$2,329,600	$325,150	$2,070,300	$ 970,300	$ 119,200	$ 894,400
1991-1	$ 661,550	$104,250	$ 650,450	$ 417,800	$ 66,350	$ 469,850	$ 243,750	$ 37,900	$ 180,600
2	651,050	124,150	519,600	461,800	73,700	377,000	189,250	50,450	142,600
3	612,850	110,950	673,800	453,550	53,450	446,050	159,300	57,500	227,750
4	748,000	114,150	798,250	538,650	82,950	601,050	209,350	31,200	197,200
Total	$2,673,450	$453,500	$2,642,100	$1,871,800	$276,450	$1,893,950	$ 801,650	$ 177,050	$ 748,150
1992-1	$ 647,300	$105,350	$ 676,450	$ 461,950	$ 56,950	$ 501,550	$ 185,350	$ 48,400	$ 174,900
2P	$ 601,300	$104,850	$ 587,250	$ 435,250	$ 69,450	$ 410,100	$ 166,050	$ 35,400	$ 177,150
Total	$1,248,600	$210,200	$1,263,700	$ 897,200	$126,400	$ 911,650	$ 351,400	$ 83,800	$ 352,050

P - Preliminary
Source: AMT - The Association For Manufacturing Technology

July 27, 1992

NEWS

A3179-1

AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association

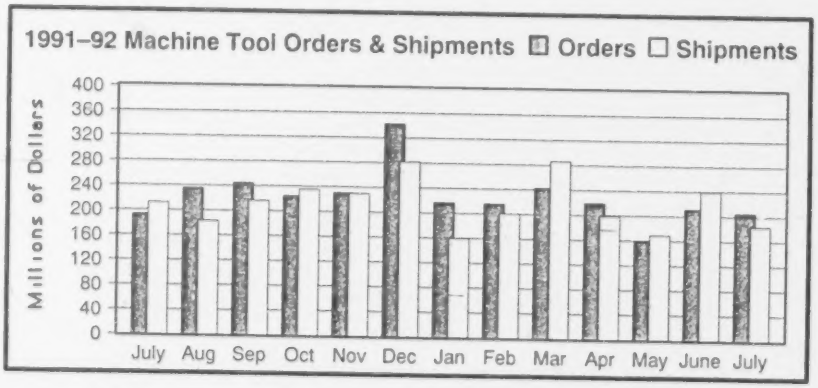
Contact:
Charles Pollock, VP, Communications; 703–827–5206
Patrick McGibbon, Director–Statistical, 703–827–5255

FOR RELEASE: August 31, 1992

Domestic machine tool orders continue to improve

At $205.60 million, July total machine tool orders were down slightly from June's $211.45 million, according to figures released today by AMT – The Association For Manufacturing Technology. The entire drop was in export orders, domestic orders actually rose to $180.60 million. At $1,472.15 million, year–to–date 1992 machine tool orders are running 8.0% ahead of 1991 at the same time, and domestic orders are up nearly 25%. Compared to July 1991, July 1992 total orders were up 6.4%.

July machine tool shipments totaled $184.25 million, down 23.1% compared to June's $239.45 million. Year–to–date 1992 machine tool shipments through July stand at $1,439.80 million, 5.6% below the comparable figure for 1991. Comparing July 1992 to July 1991, total shipments were off 13.4%.



AMT President Albert W. Moore said, "With IMTS just around the corner, it is good to see domestic orders continue to improve. In fact, every month this year domestic orders have been ahead of the same month in 1991. This continued pickup in orders is a positive sign for exhibitors at IMTS and for the U.S. machine tool industry. We are looking forward to a productive show, that will point us toward 1993 on a strong note." [IMTS 92 – The International Manufacturing Technology Show will fill the three halls of Chicago's McCormick Place, September 9 – 17, 1992.]

(more)

Metal Cutting

July metal cutting machine tool orders reached $154.85 million, 6.4% ahead of June's total. Year–to–date metal cutting orders were up 7.7% compared to 1991. Comparing June 1992 to June a year ago, metal cutting orders were up 6.4%.

At $133.35 million, July metal cutting shipments were off 17.3% compared to June. Year–to–date metal cutting shipments are level with 1991. Compared to July 1991, July 1992 shipments were off 10.7%.

Metal Forming

At $50.75 million, July metal forming orders were down 23.0% compared to June. Year–to–date 1992 metal forming orders were up 8.6% compared to 1991. Comparing July 1992 to July 1991, metal forming orders were up 6.5%.

July metal forming shipments were $50.90 million, down 35.0% for the month. Year–to–date metal forming shipments were off 18.9% compared to 1991. July 1992 metal forming shipments were down 19.7% compared to July 1991.

Backlog

The machine tool order backlog for July 1992 was $1,469.40 million, up from June's backlog of $1,448.05 million. The July 1991 backlog was $1,306.30 million.

# # #

COMPARISON CHART

AMT INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

July 1992

	July 92 (P)	Previous Month (R)	% Change	Year Ago Month	% Change	YTD 92	YTD 91	% Change YTD
NET NEW ORDERS								
(Domestic & Export)								
Metal Cutting	154.85	145.50	*6.4*	145.60	*6.4*	1,069.25	992.45	*7.7*
Metal Forming	50.75	65.95	*–23.00*	47.65	*6.5*	402.90	370.85	*8.6*
Total Orders	**205.60**	**211.45**	***–2.8***	**193.25**	***6.4***	**1,472.15**	**1,363.30**	***8.0***
(Exports Only)								
Metal Cutting	11.65	20.75	*–43.9*	22.35	*–47.9*	113.30	226.90	*–50.1*
Metal Forming	13.35	15.75	*–15.2*	20.75	*–35.7*	77.80	104.00	*–25.2*
Total Export Orders	**25.00**	**36.50**	***–31.5***	**43.10**	***–42.0***	**191.10**	**330.90**	***–42.2***
SHIPMENTS								
(Domestic & Export)								
Metal Cutting	133.35	161.15	*–17.3*	149.40	*–10.7*	1,037.30	1,029.00	*0.8*
Metal Forming	50.90	78.30	*–35.0*	63.40	*–19.7*	402.50	496.40	*–18.9*
Total Shipments	**184.25**	**239.45**	***–23.1***	**212.80**	***–13.4***	**1,439.80**	**1,525.40**	***–5.6***
(Exports Only)								
Metal Cutting	23.30	21.35	*9.1*	12.05	*93.4*	151.65	152.10	*–0.3*
Metal Forming	6.80	15.50	*–56.1*	28.40	*–76.1*	90.60	116.75	*–22.4*
Total Export Shipments	**30.10**	**36.85**	***–18.3***	**40.45**	***–25.6***	**242.25**	**268.85**	***–5.6***

P – preliminary R – revised

Source: AMT – The Association For Manufacturing Technology

AMT INDUSTRY ESTIMATES

July 1992

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	2,095.55	546.55	2,642.10	1,437.05	2,219.95	453.50	2,673.45	2,201.45	571.85	2,773.30	105.90	25.30	131.20
1992													
JAN	204.25	13.15	217.40	1,494.65	135.55	24.25	159.80	212.40	14.75	227.15	8.15	1.60	9.75
FEB	186.00	30.25	216.25	1,509.90	168.40	32.60	201.00	207.70	31.95	239.65	21.70	1.70	23.40
MAR	210.85	31.95	242.80	1,466.20	238.00	48.50	286.50	228.70	32.10	260.80	17.85	0.15	18.00
APR	190.30	29.20	219.50	1,486.40	165.15	34.15	199.30	196.40	30.80	227.20	6.10	1.60	7.70
MAY	134.10	25.05	159.15	1,476.05	133.70	35.80	169.50	144.95	26.90	171.85	10.85	1.85	12.70
JUN (R)	174.95	36.50	211.45	1,448.05	202.60	36.85	239.45	181.80	37.45	219.25	6.85	0.95	7.80
JUL (P)	180.60	25.00	205.60	1,469.40	154.15	30.10	184.25	184.75	26.25	211.00	4.15	1.25	5.40
TOTALS	1,281.05	191.10	1,472.15		1,197.55	242.25	1,439.80	1,356.70	200.20	1,556.90	75.65	9.10	84.75

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

July 1992

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	1,549.20	344.75	1,893.95	1,186.15	1,595.35	276.45	1,871.60	1,642.65	365.95	2,008.60	93.45	21.20	114.65
1992													
JAN	153.40	5.15	158.55	1,238.45	97.50	8.75	106.25	158.90	6.70	165.60	5.50	1.55	7.05
FEB	140.65	18.95	159.60	1,257.80	121.80	18.45	140.25	160.70	20.60	181.30	20.05	1.65	21.70
MAR	163.20	20.20	183.40	1,225.75	185.70	29.75	215.45	179.55	20.30	199.85	16.35	0.10	16.45
APR	134.25	23.75	158.00	1,227.30	130.50	25.95	156.45	139.30	24.05	163.35	5.05	0.30	5.35
MAY	96.50	12.85	109.35	1,212.25	100.30	24.10	124.40	107.05	14.65	121.70	10.55	1.80	12.35
JUN (R)	124.75	20.75	145.50	1,196.60	139.80	21.35	161.15	130.35	21.65	152.00	5.60	0.90	6.50
JUL (P)	143.20	11.65	154.85	1,218.10	110.05	23.30	133.35	146.50	12.85	159.35	3.30	1.20	4.50
TOTALS	955.95	113.30	1,069.25		885.65	151.65	1,037.30	1,022.35	120.80	1,143.15	66.40	7.50	73.90

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	546.35	201.80	748.15	250.90	624.60	177.05	801.65	558.80	205.90	764.70	12.45	4.10	16.55
1992													
JAN	50.85	8.00	58.85	256.20	38.05	15.50	53.55	53.50	8.05	61.55	2.65	0.05	2.70
FEB	45.35	11.30	56.65	252.10	46.60	14.15	60.75	47.00	11.35	58.35	1.65	0.05	1.70
MAR	47.65	11.75	59.40	240.45	52.30	18.75	71.05	49.15	11.80	60.95	1.50	0.05	1.55
APR	56.05	5.45	61.50	259.10	34.65	8.20	42.85	57.10	6.75	63.85	1.05	1.30	2.35
MAY	37.60	12.20	49.80	263.80	33.40	11.70	45.10	37.90	12.25	50.15	0.30	0.05	0.35
JUN (R)	50.20	15.75	65.95	251.45	62.80	15.50	78.30	51.45	15.80	67.25	1.25	0.05	1.30
JUL (P)	37.40	13.35	50.75	251.30	44.10	6.80	50.90	38.25	13.40	51.65	0.85	0.05	0.90
TOTALS	325.10	77.80	402.90		311.90	90.60	402.50	334.35	79.40	413.75	9.25	1.60	10.85

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

A3179-1

NEWS

AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association

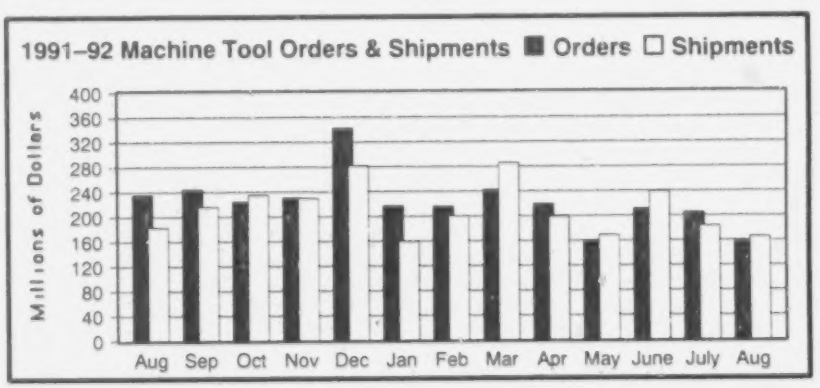
Contact:
Charles Pollock, VP, Communications, 703–827–5206
Patrick McGibbon, Director–Statistical, 703–827–5255

FOR RELEASE: September 28, 1992

Machine tool orders down in August

At $157.70 million, August machine tool orders were down 23.2% from July's $205.35 million, according to figures released today by AMT – The Association For Manufacturing Technology. Year–to–date 1992 machine tool orders through August total $1,629.60 million, up 1.9% compared to the same period in 1991. Compared to August 1991, August 1992 total orders were down 33.1%.

Machine tool shipments in August totaled $166.25 million, down 9.6% compared to July's $184.00 million. At $1,605.80 million, year–to–date 1992 machine tool shipments through August are 6.0% below the comparable figure for 1991. Comparing August 1992 to August 1991, machine tool shipments were down 9.3%.



AMT President Albert W. Moore said, "It is common for August business activity to be off since many plants, both machine tool and manufacturing, close for vacations. IMTS 92 [The International Manufacturing Technology Show held in Chicago September 9 – 17] may have had an additional impact on orders because many machinery buyers hold off on placing orders so they can see the new products, and make quality and price comparisons. IMTS provides a one–stop–shopping tour for production equipment giving buyers an opportunity to see all of the latest technology up and operating in one place."

(more)

Metal Cutting

August metal cutting machine tool orders were $94.45 million, down 38.9% compared to July. Year–to–date metal cutting orders are up 4.0% compared to 1991. Comparing August 1992 to August a year ago, metal cutting orders were off 25.3%.

At $131.10 million, August metal cutting shipments were off 1.5% compared to July. Year–to–date metal cutting shipments are level with 1991. August 1992 metal cutting shipments were down 4.6% compared to August a year ago.

Metal Forming

At $63.25 million, August metal forming orders were up 24.6% compared to July. Year–to–date 1992 metal forming orders are off 2.9% compared to 1991. Comparing August 1992 to August 1991, metal forming orders were off 42.2%.

August metal forming shipments were $35.15 million, down 30.9% for the month. Year–to–date metal forming shipments are off 19.3% compared to 1991. Compared to August 1991, August 1992 metal forming shipments were down 23.6%.

Backlog

The machine tool order backlog for August 1992 was $1,460.85 million, down from July's $1,469.40 million. The August 1991 backlog was $1,358.70 million.

# # #

COMPARISON CHART

AMT INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

August 1992

	Aug 92 (P)	Previous Month (R)	% Change	Year Ago Month	% Change	YTD 92	YTD 91	% Change YTD
NET NEW ORDERS								
(Domestic & Export)								
Metal Cutting	94.45	154.60	*–38.9*	126.40	*–25.3*	1,163.45	1,118.85	*4.0*
Metal Forming	63.25	50.75	*24.6*	109.35	*–42.2*	466.15	480.20	*–2.9*
Total Orders	**157.70**	**205.35**	***–23.2***	**235.75**	***–33.1***	**1,629.60**	**1,599.05**	***1.9***
(Exports Only)								
Metal Cutting	17.20	11.95	*43.9*	9.10	*89.0*	130.80	236.00	*–44.6*
Metal Forming	7.90	13.35	*–40.8*	22.30	*–64.6*	85.70	126.30	*–32.1*
Total Export Orders	**25.10**	25.30	***–0.8***	**31.40**	***–20.1***	**216.50**	**362.30**	***–40.2***
SHIPMENTS								
(Domestic & Export)								
Metal Cutting	131.10	133.10	*–1.5*	137.35	*–4.6*	1,168.15	1,166.35	*0.2*
Metal Forming	35.15	50.90	*–30.9*	46.00	*–23.6*	437.65	542.40	*–19.3*
Total Shipments	**166.25**	**184.00**	***–9.6***	**183.35**	***–9.3***	**1,605.80**	**1,708.75**	***–6.0***
(Exports Only)								
Metal Cutting	24.10	23.00	*4.8*	15.50	*55.5*	175.45	167.60	*4.7*
Metal Forming	6.60	6.80	*–2.9*	15.25	*–56.7*	97.20	132.00	*–26.4*
Total Export Shipments	**30.70**	**29.80**	***3.0***	**30.75**	***–0.2***	**272.65**	**299.60**	***–9.0***

P – preliminary R – revised

Source: AMT – The Association For Manufacturing Technology

AMT INDUSTRY ESTIMATES

August 1992

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS			Order Backlog	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Export	Total		Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	2,095.55	546.55	2,642.10	1,437.05	2,219.95	453.50	2,673.45	2,201.45	571.85	2,773.30	105.90	25.30	131.20
1992													
JAN	204.25	13.15	217.40	1,494.65	135.55	24.25	159.80	212.40	14.75	227.15	8.15	1.60	9.75
FEB	186.00	30.25	216.25	1,509.90	168.40	32.60	201.00	207.70	31.95	239.65	21.70	1.70	23.40
MAR	210.85	31.95	242.80	1,466.20	238.00	48.50	286.50	228.70	32.10	260.80	17.85	0.15	18.00
APR	190.30	29.20	219.50	1,486.40	165.15	34.15	199.30	196.40	30.80	227.20	6.10	1.60	7.70
MAY	134.10	25.05	159.15	1,476.05	133.70	35.80	169.50	144.95	26.90	171.85	10.85	1.85	12.70
JUN	174.95	36.50	211.45	1,448.05	202.60	36.85	239.45	181.80	37.45	219.25	6.85	0.95	7.80
JUL (R)	180.05	25.30	205.35	1,469.40	154.20	29.80	184.00	184.20	26.55	210.75	4.15	1.25	5.40
AUG (P)	132.60	25.10	157.70	1,460.85	135.55	30.70	166.25	136.90	25.20	162.10	4.30	0.10	4.40
TOTALS	1,413.10	216.50	1,629.60		1,333.15	272.65	1,605.80	1,493.05	225.70	1,718.75	79.95	9.20	89.15

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

August 1992

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	1,549.20	344.75	1,893.95	1,186.15	1,595.35	276.45	1,871.80	1,642.65	365.95	2,008.60	93.45	21.20	114.65
1992													
JAN	153.40	5.15	158.55	1,238.45	97.50	8.75	106.25	158.90	6.70	165.60	5.50	1.55	7.05
FEB	140.65	18.95	159.60	1,257.80	121.80	18.45	140.25	160.70	20.60	181.30	20.05	1.65	21.70
MAR	163.20	20.20	183.40	1,225.75	185.70	29.75	215.45	179.55	20.30	199.85	16.35	0.10	16.45
APR	134.25	23.75	158.00	1,227.30	130.50	25.95	156.45	139.30	24.05	163.35	5.05	0.30	5.35
MAY	96.50	12.85	109.35	1,212.25	100.30	24.10	124.40	107.05	14.65	121.70	10.55	1.80	12.35
JUN	124.75	20.75	145.50	1,196.60	139.80	21.35	161.15	130.35	21.65	152.00	5.60	0.90	6.50
JUL (R)	142.65	11.95	154.60	1,218.10	110.10	23.00	133.10	145.95	13.15	159.10	3.30	1.20	4.50
AUG (P)	77.25	17.20	94.45	1,181.45	107.00	24.10	131.10	81.10	17.25	98.35	3.85	0.05	3.90
TOTALS	1,032.65	130.80	1,163.45		992.70	175.45	1,168.15	1,102.90	138.35	1,241.25	70.25	7.55	77.80

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	546.35	201.80	748.15	250.90	624.60	177.05	801.65	558.80	205.90	764.70	12.45	4.10	16.55
1992													
JAN	50.85	8.00	58.85	256.20	38.05	15.50	53.55	53.50	8.05	61.55	2.65	0.05	2.70
FEB	45.35	11.30	56.65	252.10	46.60	14.15	60.75	47.00	11.35	58.35	1.65	0.05	1.70
MAR	47.65	11.75	59.40	240.45	52.30	18.75	71.05	49.15	11.80	60.95	1.50	0.05	1.55
APR	56.05	5.45	61.50	259.10	34.65	8.20	42.85	57.10	6.75	63.85	1.05	1.30	2.35
MAY	37.60	12.20	49.80	263.80	33.40	11.70	45.10	37.90	12.25	50.15	0.30	0.05	0.35
JUN	50.20	15.75	65.95	251.45	62.80	15.50	78.30	51.45	15.80	67.25	1.25	0.05	1.30
JUL (R)	37.40	13.35	50.75	251.30	44.10	6.80	50.90	38.25	13.40	51.65	0.85	0.05	0.90
AUG (P)	55.35	7.90	63.25	279.40	28.55	6.60	35.15	55.80	7.95	63.75	0.45	0.05	0.50
TOTALS	380.45	85.70	466.15		340.45	97.20	437.65	390.15	87.35	477.50	9.70	1.65	11.35

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

A3179-1A

NEWS

AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association

Contact:
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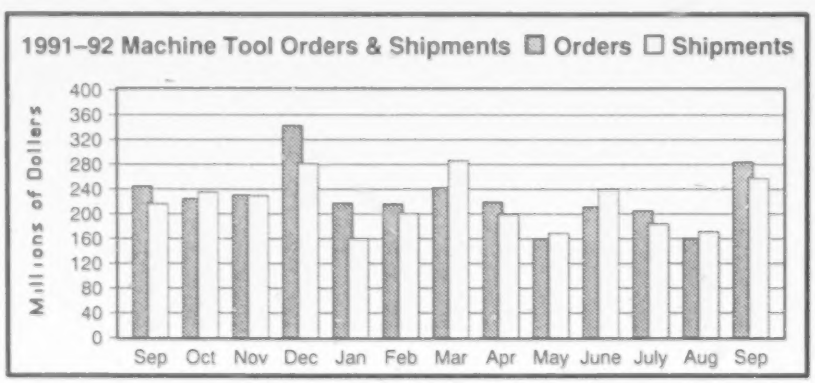
Patrick McGibbon, Director-Statistical, 703-827-5255

FOR RELEASE: October 26, 1992

Machine tool orders up in September

September machine tool orders were $283.85 million, up 77.1% from August's $160.25 million, according to figures released today by AMT – The Association For Manufacturing Technology. Year-to-date 1992 machine tool orders through September total $1,916.00 million, up 3.9% compared to the same period in 1991. Compared to September 1991, September 1992 total orders were up 16%.

Machine tool shipments in September totaled $257.70 million, up 50.3% compared to August's $171.45 million. Year-to-date shipments through September totaled $1,868.70 million, 2.9% below the comparable figure for 1991. Comparing September 1992 to September 1991, machine tool shipments were up 18.9%.



AMT President Albert W. Moore said, "The increase in this month's orders was no surprise. Exhibitors, both foreign and domestic, report that the International Manufacturing Technology Show [IMTS 92] held last month in Chicago was an overwhelming success. There may even be some carryover into October's reporting period. However, due to the deepening decline in export orders, it is unlikely that the industry will post a fourth quarter equal to the $798 million posted in 1991."

(more)

Metal Cutting

September metal cutting machine tool orders were $212.70 million, up 132.5% from August's $91.50 million. Year–to–date metal cutting orders were up 16.1% compared to 1991. Compared to September 1991, September 1992 metal cutting orders were up 22.2%.

September metal cutting shipments totaled $203.40 million, up 54.5% from August. Year–to–date metal cutting shipments were up 2.9% compared to 1991. Comparing September 1992 to September 1991, metal cutting shipments were up 21.9%.

Metal Forming

At $71.15 million, September metal forming orders were up 3.5% compared to August's $68.75 million. Compared to 1991, year–to–date 1992 metal forming orders were down 1.5%. September 1992 metal forming orders were level with September 1991 orders.

At $54.30 million, September metal forming shipments were up 36.6% for the month. Year–to–date 1992 metal forming shipments were down 16.2% compared to 1991. Compared to September 1991, September 1992 metal forming shipments were up 8.8%.

Backlog

The machine tool order backlog for September 1992 was $1,484.35 million, up from August's $1,458.20 million. The September 1991 backlog was $1,386.80 million.

# # #

COMPARISON CHART

AMT INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

September 1992

	Sep 92 (P)	Previous Month (R)	% Change	Year Ago Month	% Change	YTD 92	YTD 91	% Change YTD
NET NEW ORDERS								
(Domestic & Export)								
Metal Cutting	212.70	91.50	*132.5*	174.05	*22.2*	1,373.20	1,292.90	*16.1*
Metal Forming	71.15	68.75	*3.5*	70.75	*0.6*	542.80	550.95	*–1.5*
Total Orders	283.85	160.25	*77.1*	244.80	*16.0*	1,916.00	1,843.85	*3.9*
(Exports Only)								
Metal Cutting	43.50	16.70	*160.5*	23.80	*82.8*	173.80	259.80	*–33.1*
Metal Forming	9.55	7.90	*20.9*	14.45	*–33.9*	95.25	140.75	*–32.3*
Total Export Orders	53.05	24.60	*115.7*	38.25	*38.7*	269.05	400.55	*–32.8*
SHIPMENTS								
(Domestic & Export)								
Metal Cutting	203.40	131.70	*54.5*	166.80	*21.9*	1,372.15	1,333.15	*2.9*
Metal Forming	54.30	39.75	*36.6*	49.90	*8.8*	496.55	592.30	*–16.2*
Total Shipments	257.70	171.45	*50.3*	216.70	*18.9*	1,868.70	1,925.45	*–2.9*
(Exports Only)								
Metal Cutting	36.20	24.45	*48.1*	25.90	*39.8*	212.00	193.50	*9.6*
Metal Forming	5.20	6.60	*–21.2*	13.85	*–62.5*	102.40	145.85	*–29.8*
Total Export Shipments	41.40	31.05	*33.3*	39.75	*4.2*	314.40	339.35	*–7.4*

P – preliminary R – revised

Source: AMT – The Association For Manufacturing Technology

AMT INDUSTRY ESTIMATES

September 1992

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1991	2,095.55	546.55	2,642.10	1,437.05	2,219.95	453.50	2,673.45	2,201.45	571.85	2,773.30	105.90	25.30	131.20
1992													
JAN	204.25	13.15	217.40	1,494.65	135.55	24.25	159.80	212.40	14.75	227.15	8.15	1.60	9.75
FEB	186.00	30.25	216.25	1,509.90	168.40	32.60	201.00	207.70	31.95	239.65	21.70	1.70	23.40
MAR	210.85	31.95	242.80	1,466.20	238.00	48.50	286.50	228.70	32.10	260.80	17.85	0.15	18.00
APR	190.30	29.20	219.50	1,486.40	165.15	34.15	199.30	196.40	30.80	227.20	6.10	1.60	7.70
MAY	134.10	25.05	159.15	1,476.05	133.70	35.80	169.50	144.95	26.90	171.85	10.85	1.85	12.70
JUN	174.95	36.50	211.45	1,448.05	202.60	36.85	239.45	181.80	37.45	219.25	6.85	0.95	7.80
JUL	180.05	25.30	205.35	1,469.40	154.20	29.80	184.00	184.20	26.55	210.75	4.15	1.25	5.40
AUG (R)	135.65	24.60	160.25	1,458.20	140.40	31.05	171.45	140.00	24.70	164.70	4.35	0.10	4.45
SEP (P)	230.80	53.05	283.85	1,484.35	216.30	41.40	257.70	238.50	55.85	294.35	7.70	2.80	10.50
TOTALS	1,646.95	269.05	1,916.00		1,554.30	314.40	1,868.70	1,734.65	281.05	2,015.70	87.70	12.00	99.70

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

September 1992

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS Domestic	Export	Total	Order Backlog	SHIPMENTS Domestic	Export	Total	GROSS NEW ORDERS Domestic	Export	Total	CANCELLATIONS Domestic	Export	Total
1991	1,549.20	344.75	1,893.95	1,186.15	1,595.35	276.45	1,871.80	1,642.65	365.95	2,008.60	93.45	21.20	114.65
1992													
JAN	153.40	5.15	158.55	1,238.45	97.50	8.75	106.25	158.90	6.70	165.60	5.50	1.55	7.05
FEB	140.65	18.95	159.60	1,257.80	121.80	18.45	140.25	160.70	20.60	181.30	20.05	1.65	21.70
MAR	163.20	20.20	183.40	1,225.75	185.70	29.75	215.45	179.55	20.30	199.85	16.35	0.10	16.45
APR	134.25	23.75	158.00	1,227.30	130.50	25.95	156.45	139.30	24.05	163.35	5.05	0.30	5.35
MAY	96.50	12.85	109.35	1,212.25	100.30	24.10	124.40	107.05	14.65	121.70	10.55	1.80	12.35
JUN	124.75	20.75	145.50	1,196.60	139.80	21.35	161.15	130.35	21.65	152.00	5.60	0.90	6.50
JUL	142.65	11.95	154.60	1,218.10	110.10	23.00	133.10	145.95	13.15	159.10	3.30	1.20	4.50
AUG (R)	74.80	16.70	91.50	1,177.90	107.25	24.45	131.70	78.70	16.75	95.45	3.90	0.05	3.95
SEP (P)	169.20	43.50	212.70	1,187.20	167.20	36.20	203.40	175.45	44.50	219.95	6.25	1.00	7.25
TOTALS	1,199.40	173.80	1,373.20		1,160.15	212.00	1,372.15	1,275.95	182.35	1,458.30	76.55	8.55	85.10

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS Domestic	Export	Total	Order Backlog	SHIPMENTS Domestic	Export	Total	GROSS NEW ORDERS Domestic	Export	Total	CANCELLATIONS Domestic	Export	Total
1991	546.35	201.80	748.15	250.90	624.60	177.05	801.65	558.80	205.90	764.70	12.45	4.10	16.55
1992													
JAN	50.85	8.00	58.85	256.20	38.05	15.50	53.55	53.50	8.05	61.55	2.65	0.05	2.70
FEB	45.35	11.30	56.65	252.10	46.60	14.15	60.75	47.00	11.35	58.35	1.65	0.05	1.70
MAR	47.65	11.75	59.40	240.45	52.30	18.75	71.05	49.15	11.80	60.95	1.50	0.05	1.55
APR	56.05	5.45	61.50	259.10	34.65	8.20	42.85	57.10	6.75	63.85	1.05	1.30	2.35
MAY	37.60	12.20	49.80	263.80	33.40	11.70	45.10	37.90	12.25	50.15	0.30	0.05	0.35
JUN	50.20	15.75	65.95	251.45	62.80	15.50	78.30	51.45	15.80	67.25	1.25	0.05	1.30
JUL	37.40	13.35	50.75	251.30	44.10	6.80	50.90	38.25	13.40	51.65	0.85	0.05	0.90
AUG (R)	60.85	7.90	68.75	280.30	33.15	6.60	39.75	61.30	7.95	69.25	0.45	0.05	0.50
SEP (P)	61.60	9.55	71.15	297.15	49.10	5.20	54.30	63.05	11.35	74.40	1.45	1.80	3.25
TOTALS	447.55	95.25	542.80		394.15	102.40	496.55	458.70	98.70	557.40	11.15	3.45	14.60

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS

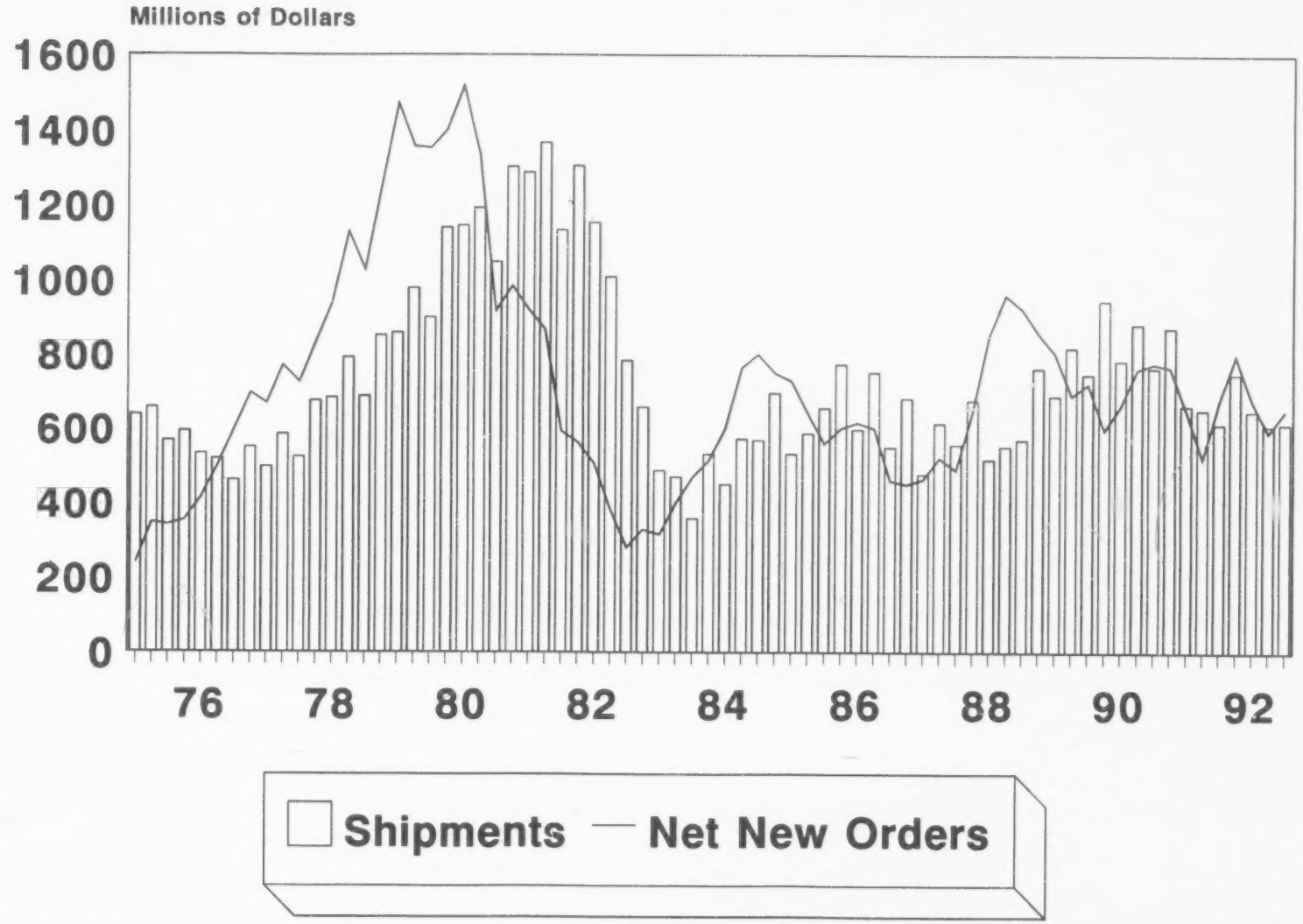
(Dollar Figures in Thousands)
1986 to Date

	Cutting and Forming			Cutting			Forming		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
4	680,850	76,650	449,300	515,300	51,400	302,050	165,550	25,250	147,250
Total	$2,578,500	$272,450	$2,125,300	$1,890,300	$205,600	$1,544,250	$ 688,200	$ 66,850	$ 581,050
1987-1	$ 476,800	$ 55,950	$ 463,700	$ 349,150	$ 38,050	$ 326,100	$ 127,650	$ 17,900	$ 137,600
2	614,100	71,300	521,150	442,600	46,300	339,300	171,500	25,000	181,850
3	556,650	66,300	487,850	397,750	43,350	324,550	158,900	22,950	163,300
4	676,100	93,350	646,100	487,000	49,950	461,500	189,100	43,400	184,600
Total	$2,323,650	$286,900	$2,118,800	$1,676,500	$177,650	$1,451,450	$ 647,150	$ 109,250	$ 667,350
1988-1	$ 516,500	$ 60,000	$ 850,000	$ 317,850	$ 35,300	$ 666,250	$ 198,650	$ 24,700	$ 183,750
2	551,150	74,400	960,500	339,350	40,900	676,500	211,800	33,500	284,000
3	569,200	66,350	922,650	391,300	38,650	715,000	177,900	27,700	207,650
4	762,250	96,050	857,700	526,050	59,600	650,150	236,200	36,450	207,550
Total	$2,399,100	$296,800	$3,590,850	$1,574,550	$174,450	$2,707,900	$ 824,550	$ 122,350	$ 882,950
1989-1	$ 687,650	$ 81,400	$ 803,300	$ 481,550	$ 70,900	$ 602,550	$ 206,100	$ 30,500	$ 200,750
2	817,850	101,150	688,500	578,150	84,450	459,550	239,700	36,700	228,950
3	745,500	109,350	720,450	574,000	82,600	481,900	171,500	26,750	238,550
4	944,600	140,350	595,700	724,900	101,450	432,350	219,700	38,900	163,350
Total	$3,195,600	$432,250	$2,807,950	$2,358,600	$299,400	$1,976,350	$ 837,000	$ 132,850	$ 831,600
1990-1	$ 783,250	$104,650	$ 661,700	$ 545,850	$ 79,050	$ 455,650	$ 237,400	$ 25,600	$ 206,050
2	881,300	108,700	760,950	638,800	84,750	533,050	242,500	23,950	227,900
3	763,650	92,550	775,400	507,500	59,350	584,450	256,150	33,200	190,950
4	871,700	138,450	766,650	637,450	102,000	497,150	234,250	36,450	269,500
Total	$3,299,900	$444,350	$2,964,700	$2,329,600	$325,150	$2,070,300	$ 970,300	$ 119,200	$ 894,400
1991-1	$ 661,550	$104,250	$ 650,450	$ 417,800	$ 66,350	$ 469,850	$ 243,750	$ 37,900	$ 180,600
2	651,050	124,150	519,600	461,800	73,700	377,000	189,250	50,450	142,600
3	612,850	110,950	673,800	453,550	53,450	446,050	159,300	57,500	227,750
4	748,000	114,150	798,250	538,650	82,950	601,050	209,350	31,200	197,200
Total	$2,673,450	$453,500	$2,642,100	$1,871,800	$276,450	$1,893,950	$ 801,650	$ 177,050	$ 748,150
1992-1	$ 647,300	$105,350	$ 676,450	$ 461,950	$ 56,950	$ 501,550	$ 185,350	$ 48,400	$ 174,900
2	608,250	106,800	590,100	442,000	71,400	412,850	166,250	35,400	177,250
3P	613,150	102,250	649,450	468,200	83,650	458,800	144,950	18,600	190,650
Total	$1,868,700	$314,400	$1,916,000	$1,372,150	$212,000	$1,373,200	$ 496,550	$ 102,400	$ 542,800

P - Preliminary
Source: AMT - The Association For Manufacturing Technology

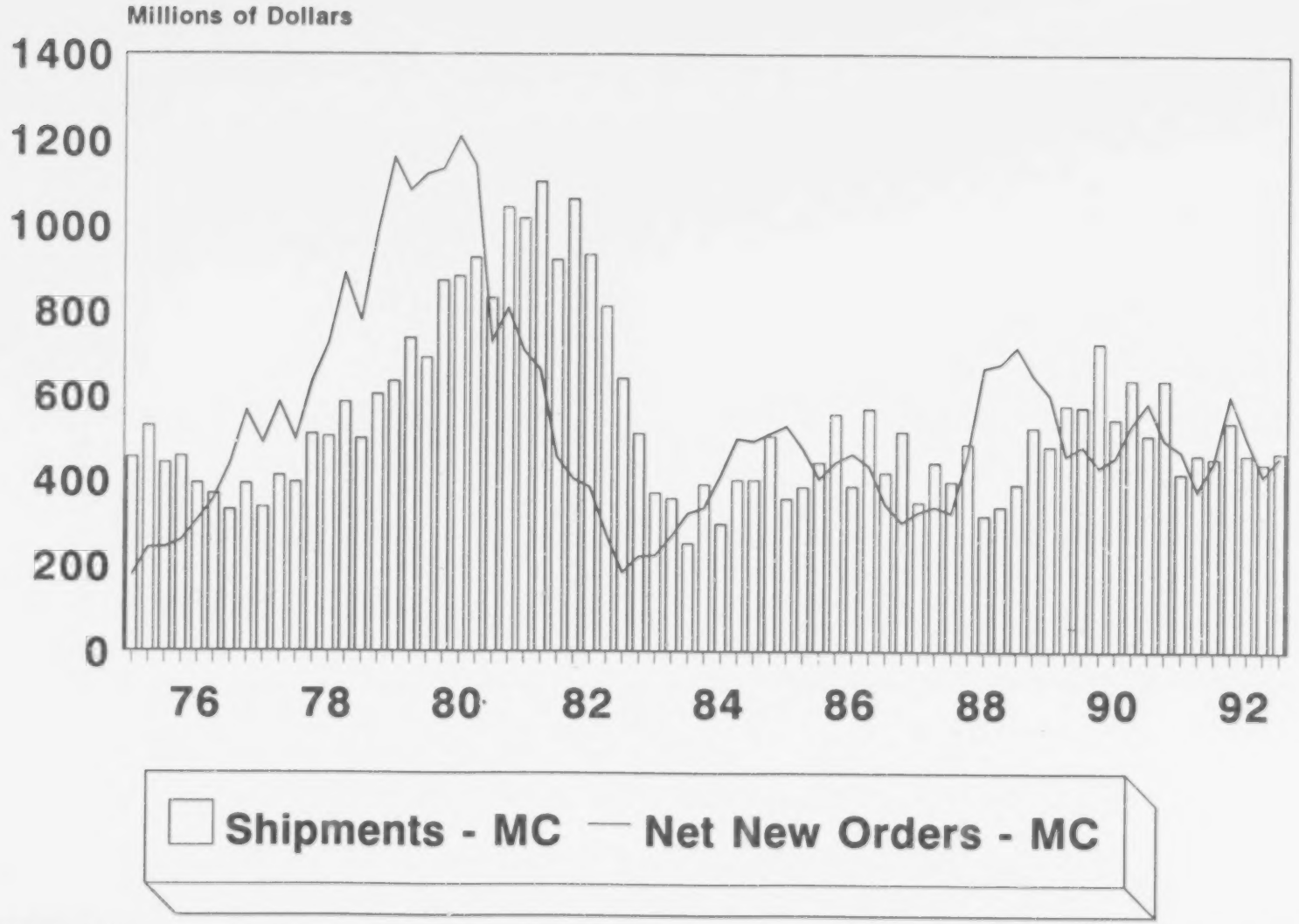
October 26, 1992

Total Machine Tools
Shipments and Net New Orders, Quarterly



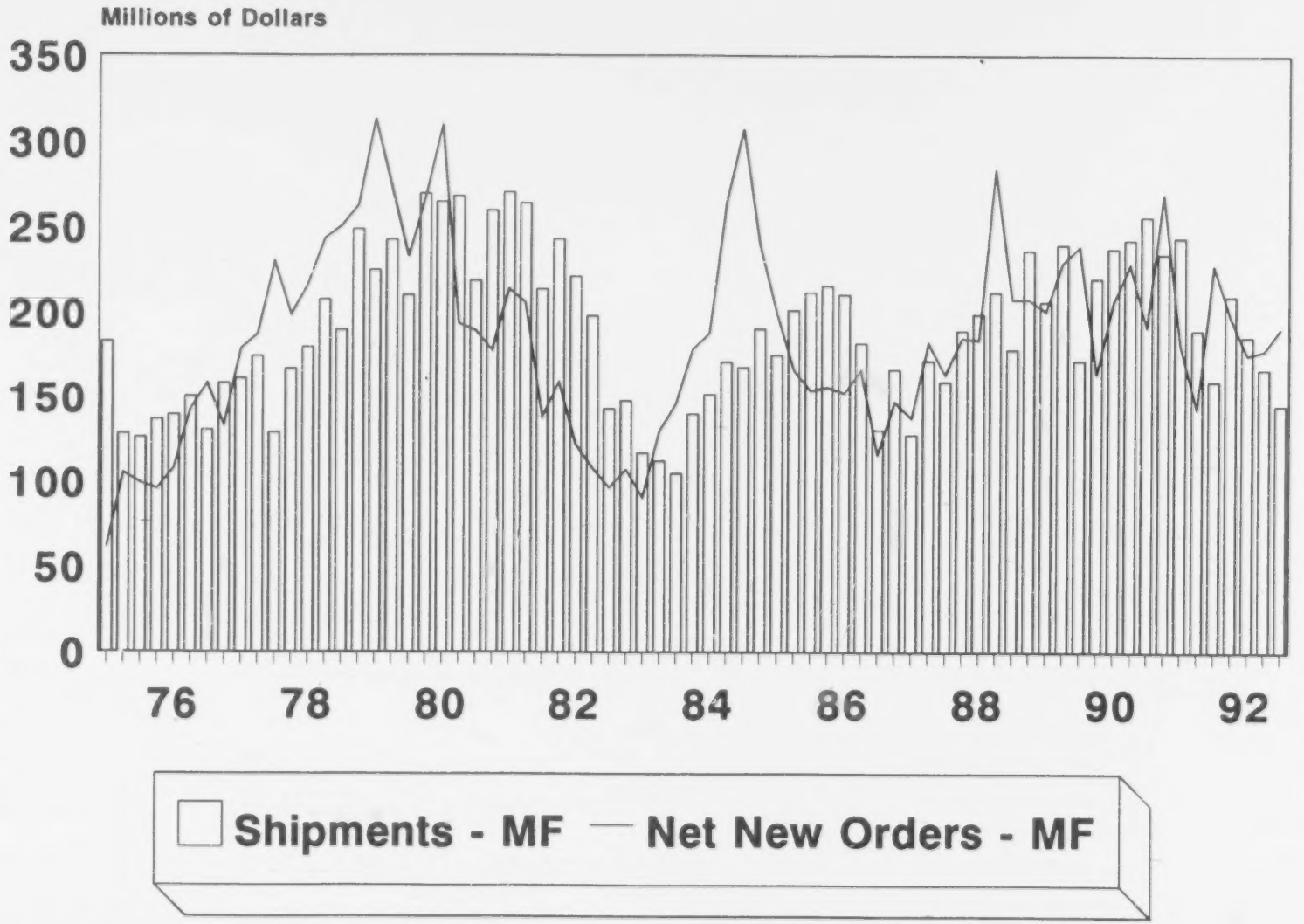
Compiled by AMT

Metal Cutting Machine Tools
Shipments and Net New Orders, Quarterly



Compiled by AMT

Metal Forming Machine Tools
Shipments and Net New Orders, Quarterly



Compiled by AMT